T0920 "SEARCH"

FUNCTIONAL DIAGRAM OF CONSUMER PRODUCTS DISTRIBUTION SYSTEM

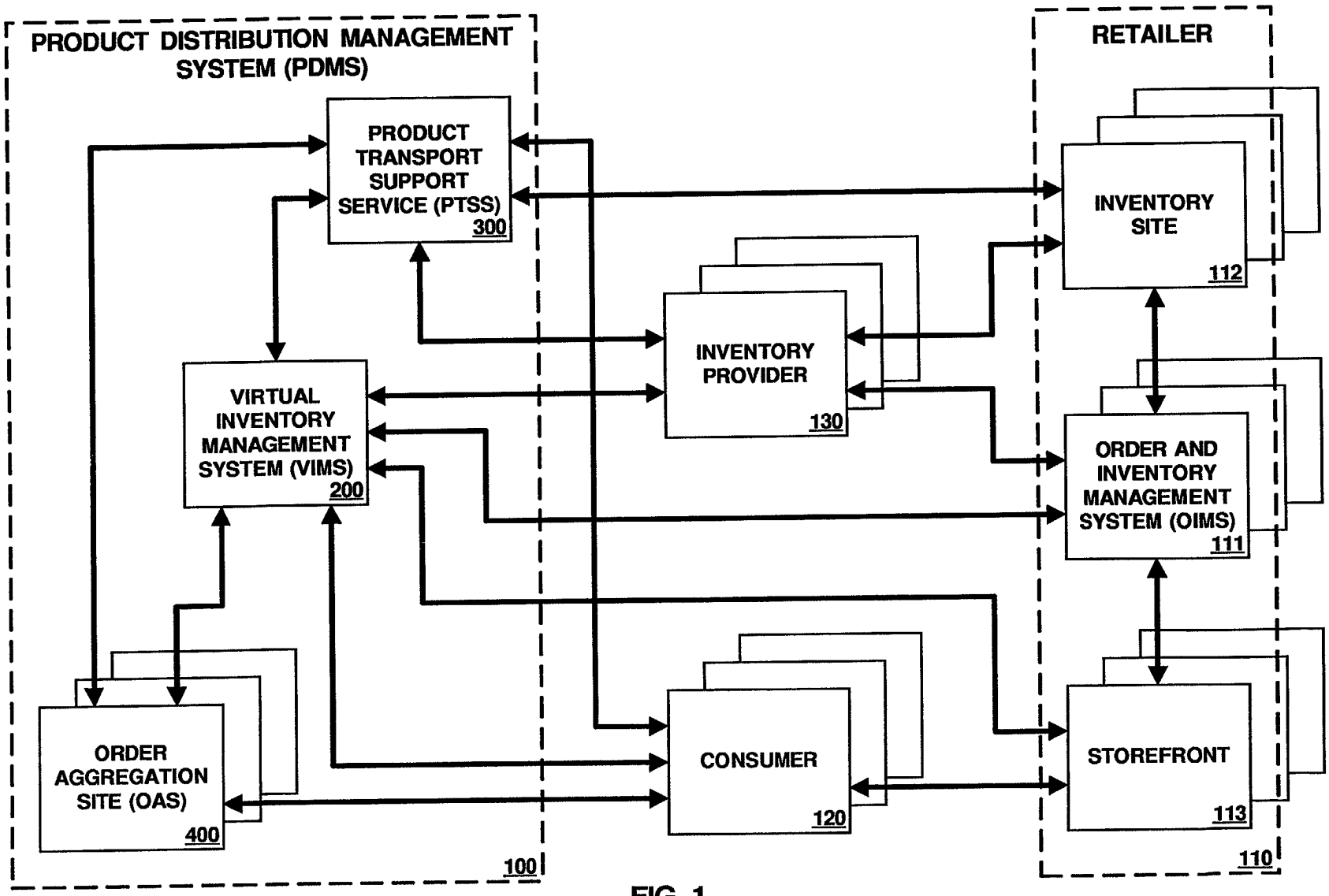

FIG. 1

VIRTUAL INVENTORY MANAGEMENT SYSTEM (VIMS)

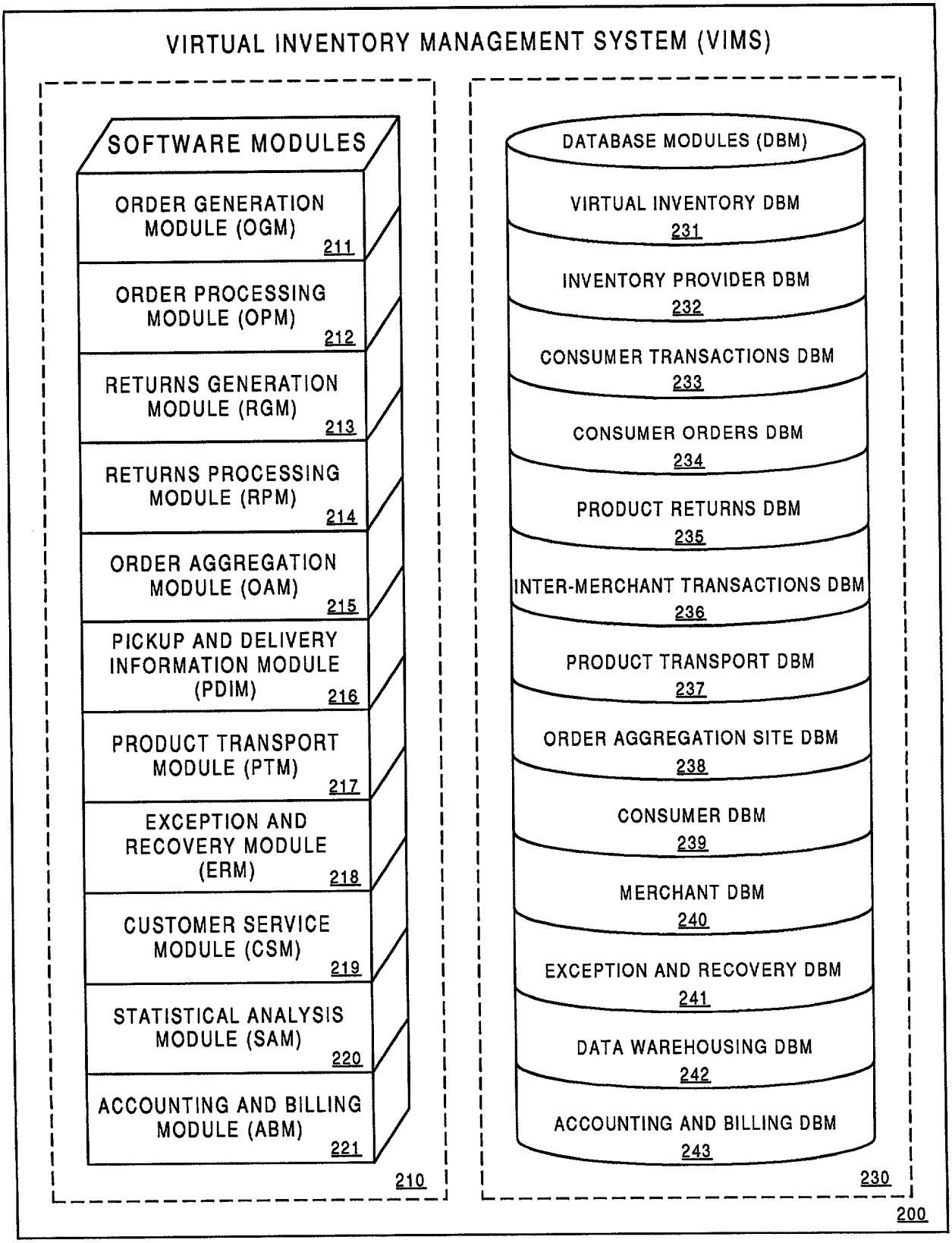

FIG. 2

US9220360 - 20151222

CONCEPTUAL ILLUSTRATION OF PRODUCT TRANSPORT SUPPORT SERVICE (PTSS)

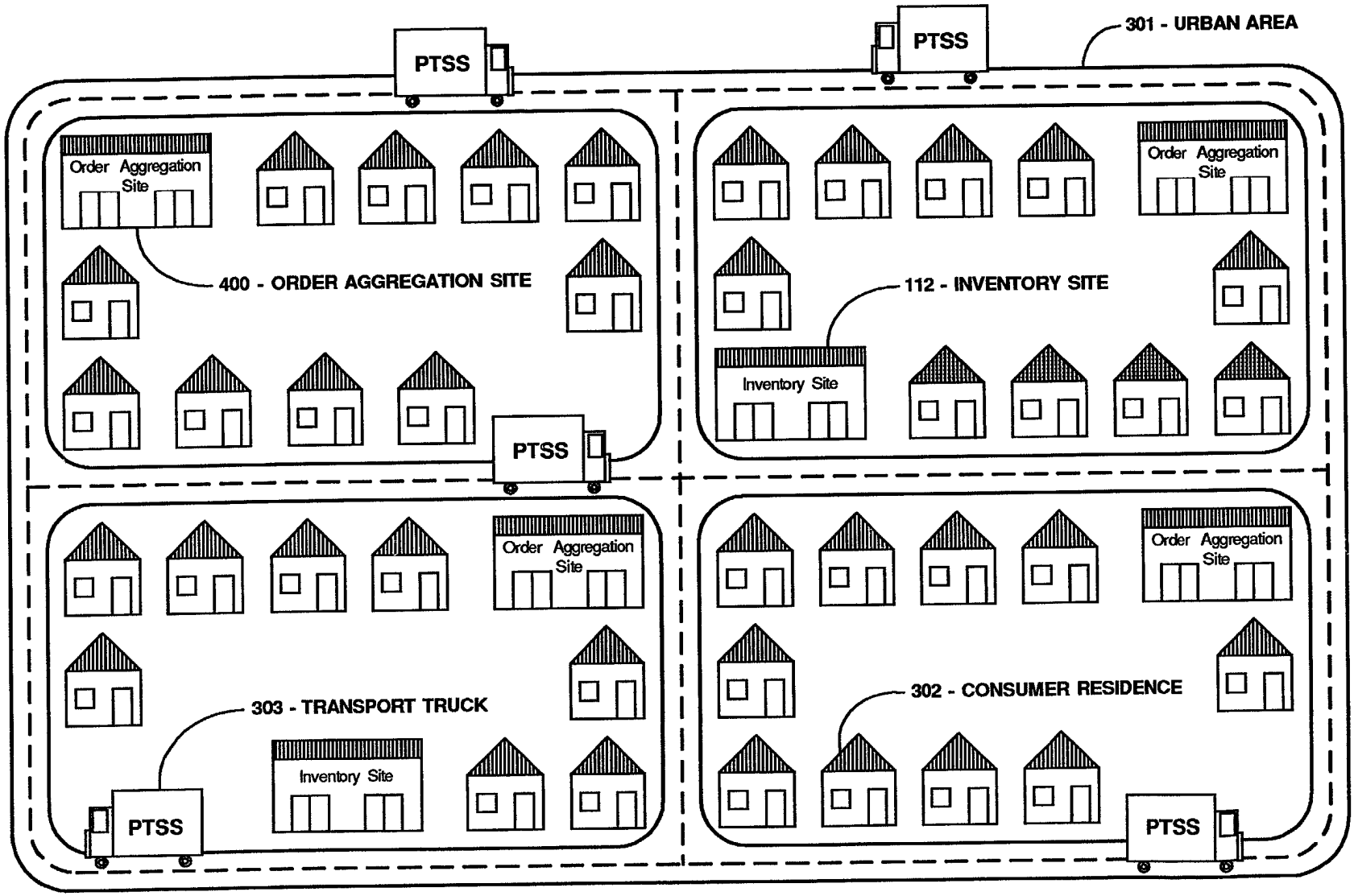

FIG. 3

T09220 "SE9278860

ILLUSTRATION OF A TYPICAL ORDER AGGREGATION SITE (OAS)

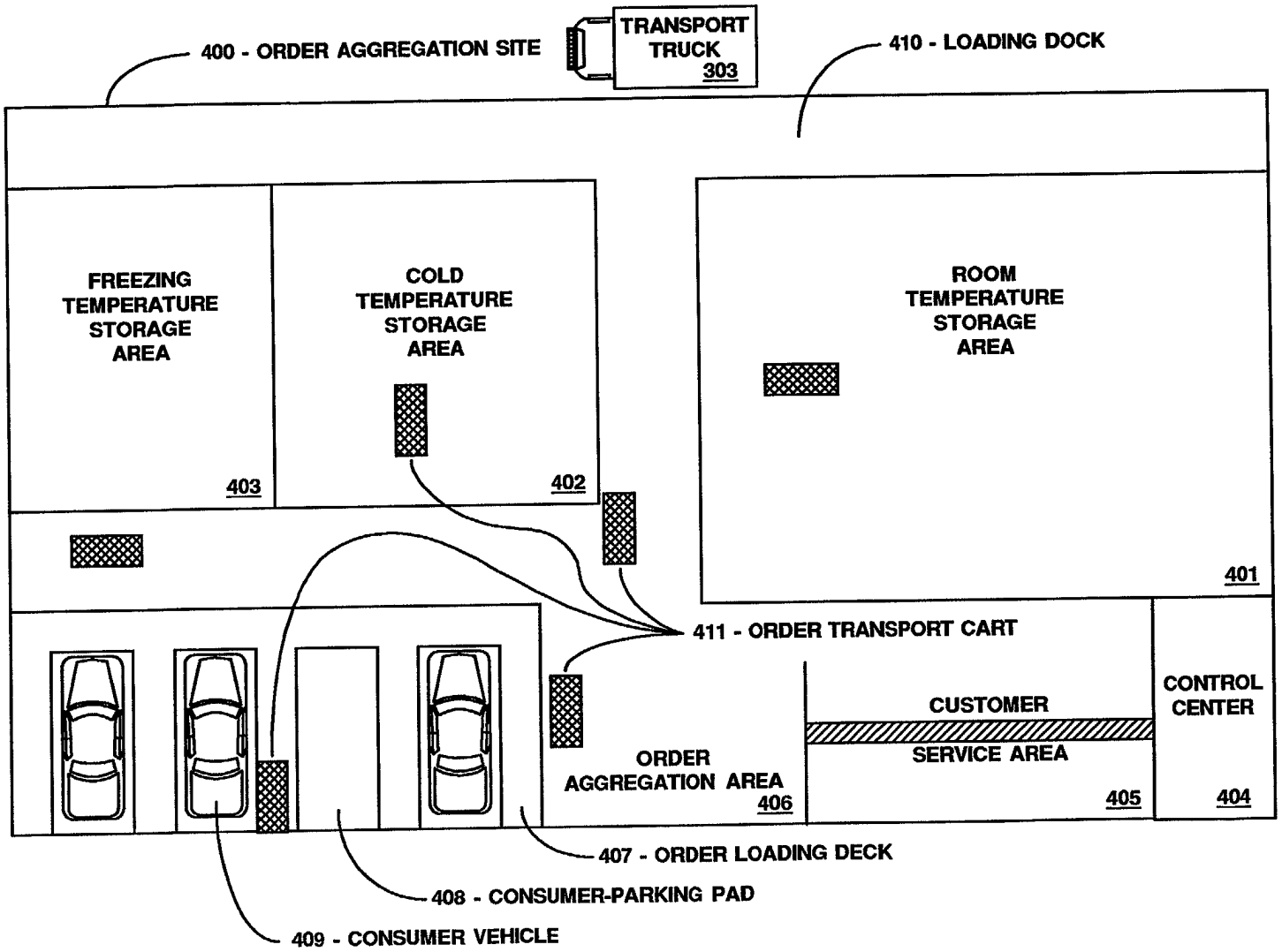

FIG. 4

PRODUCT DISTRIBUTION MANAGEMENT SYSTEM INFORMATION-FLOW

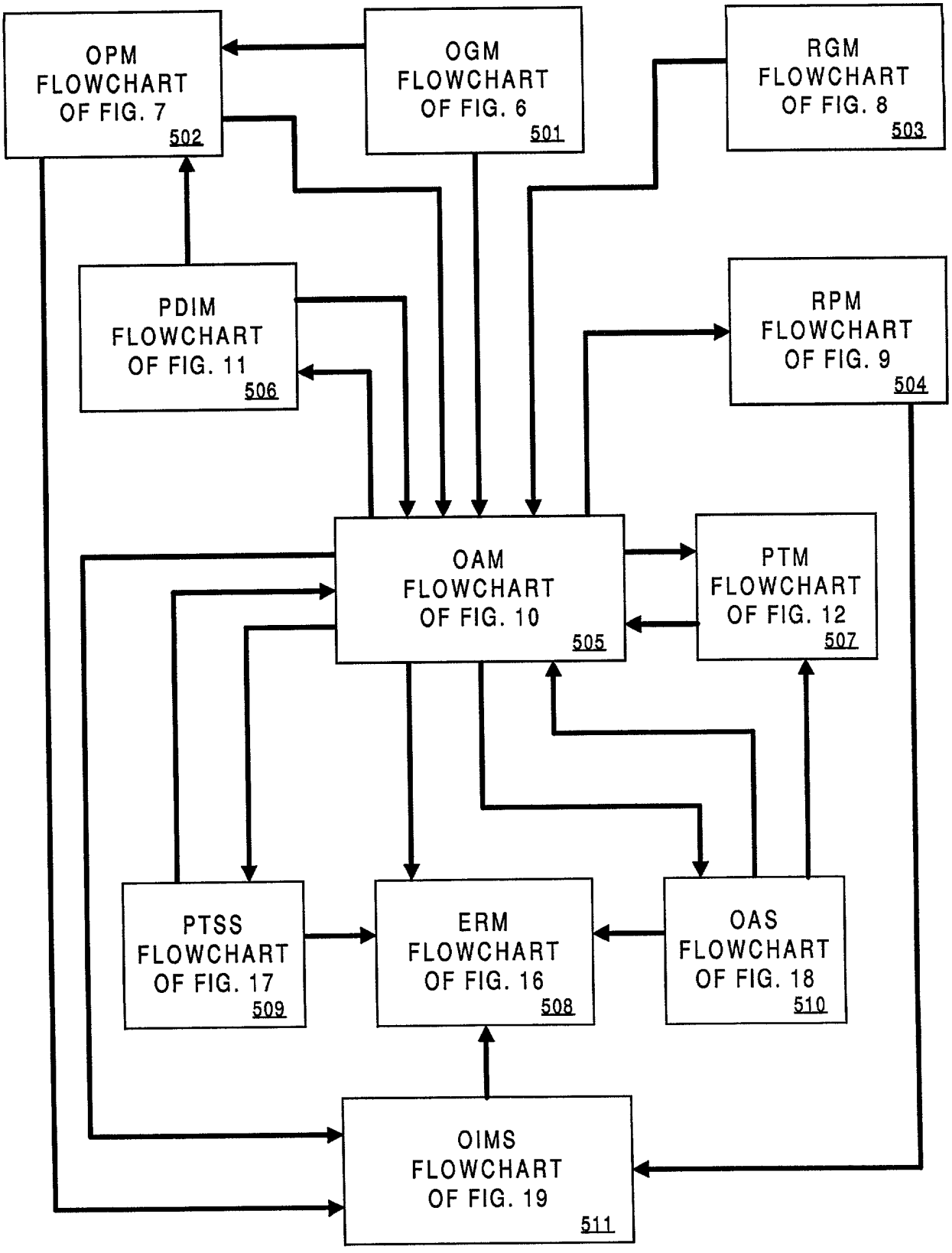

FIG. 5

ORDER GENERATION MODULE (OGM) FLOW CHART

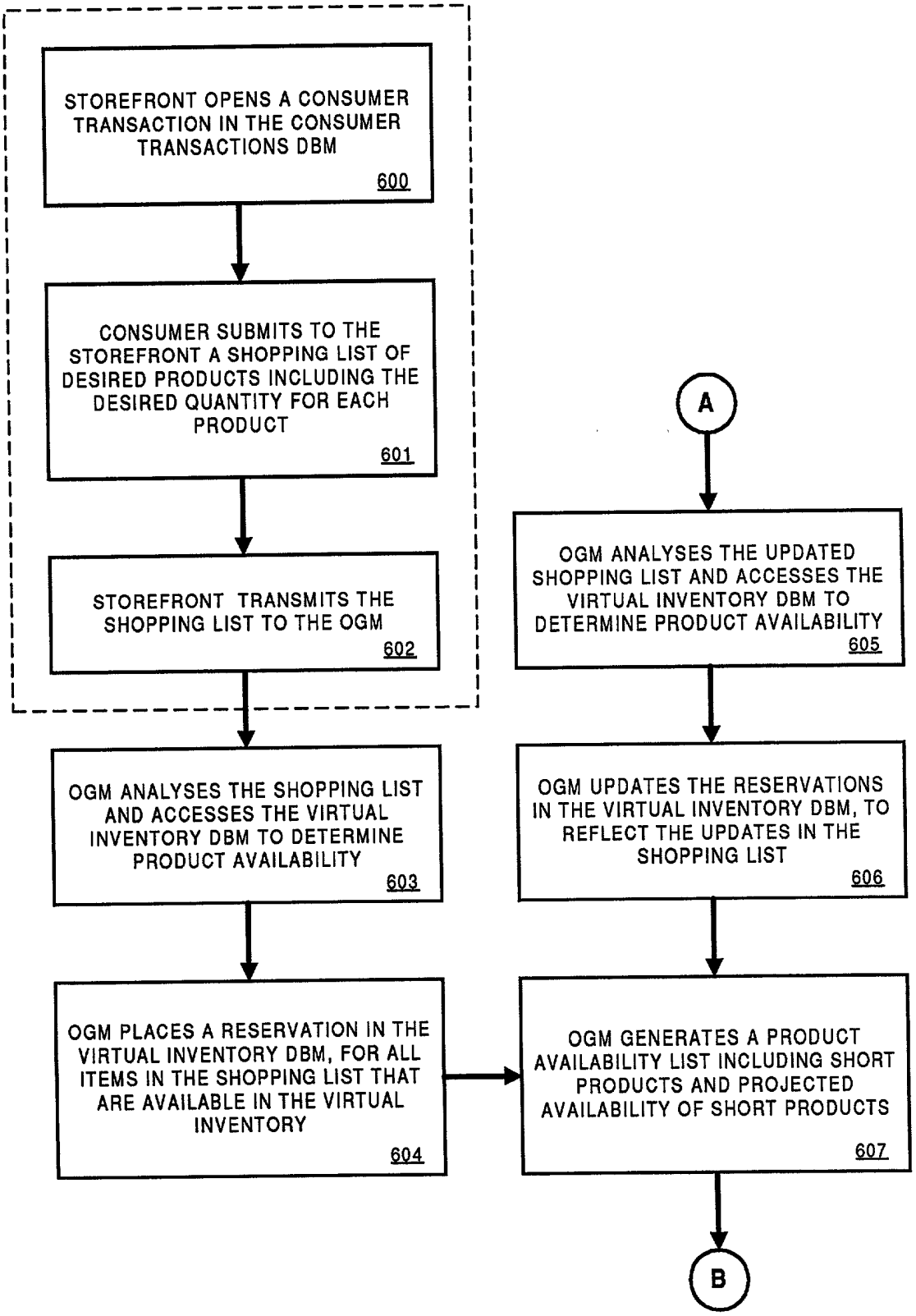

FIG. 6A

ORDER GENERATION MODULE (OGM) FLOW CHART

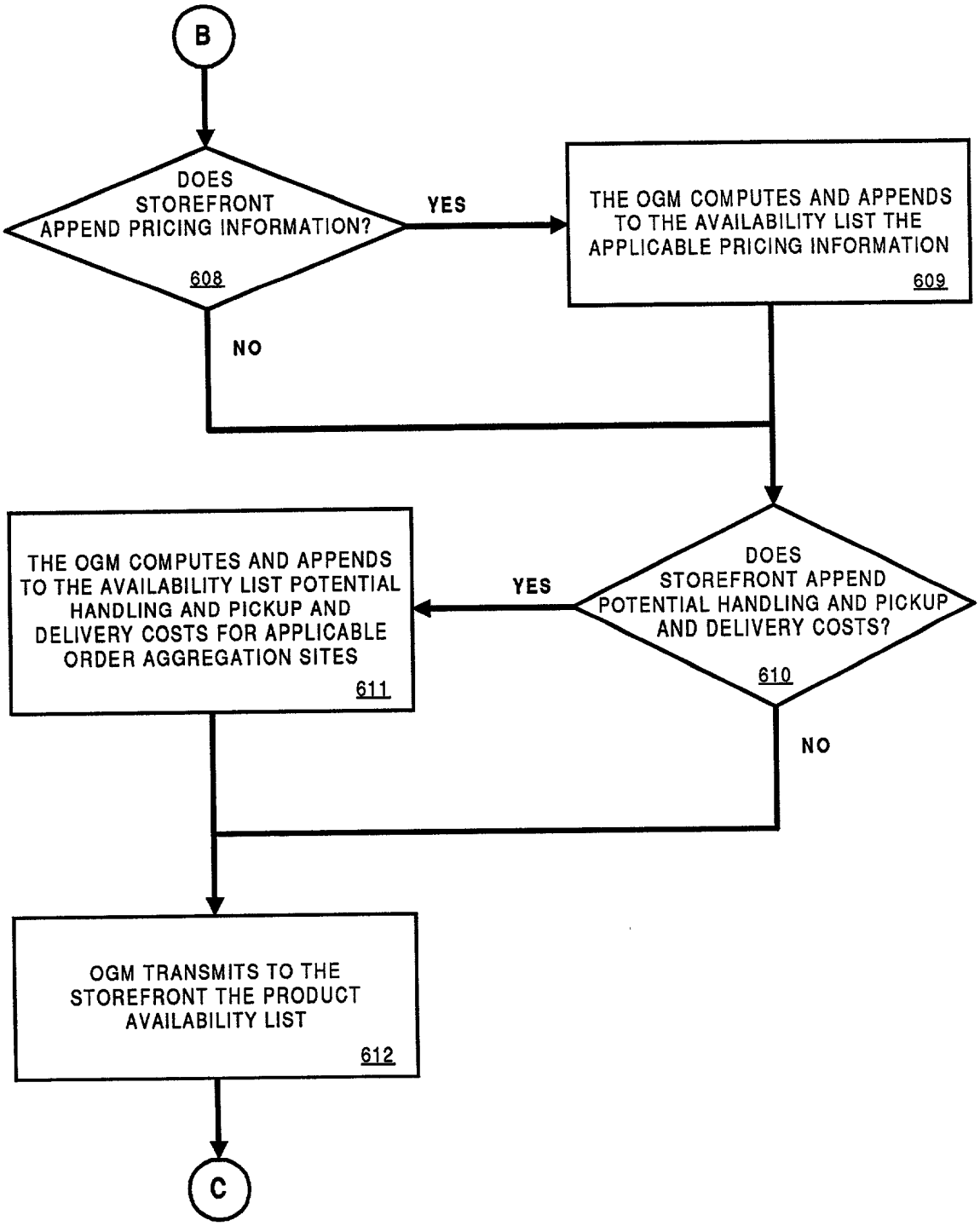

FIG. 6B

ORDER GENERATION MODULE (OGM) FLOW CHART

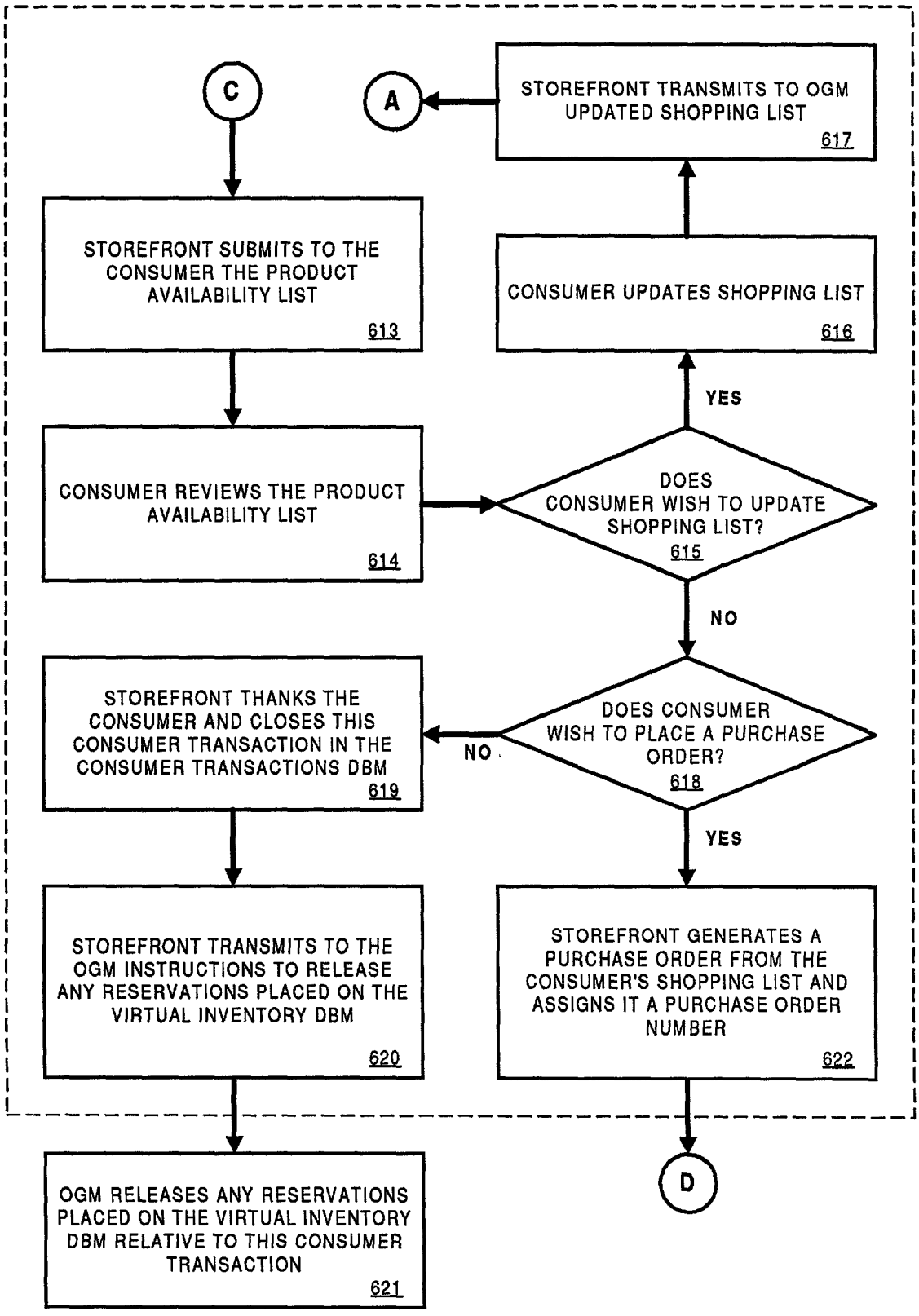

FIG. 6C

ORDER GENERATION MODULE (OGM) FLOW CHART

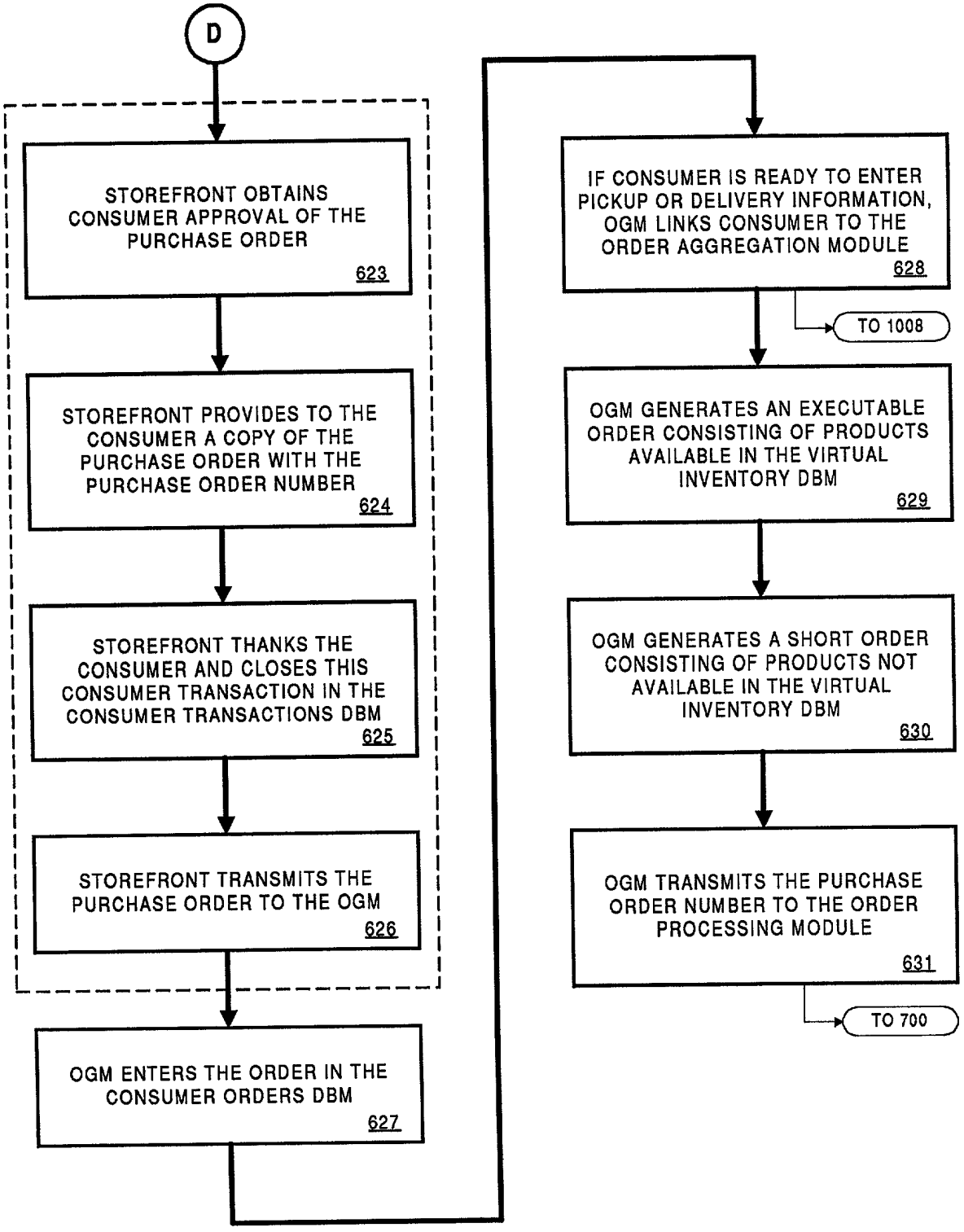

FIG. 6D

ORDER PROCESSING MODULE (OPM) FLOW CHARTS

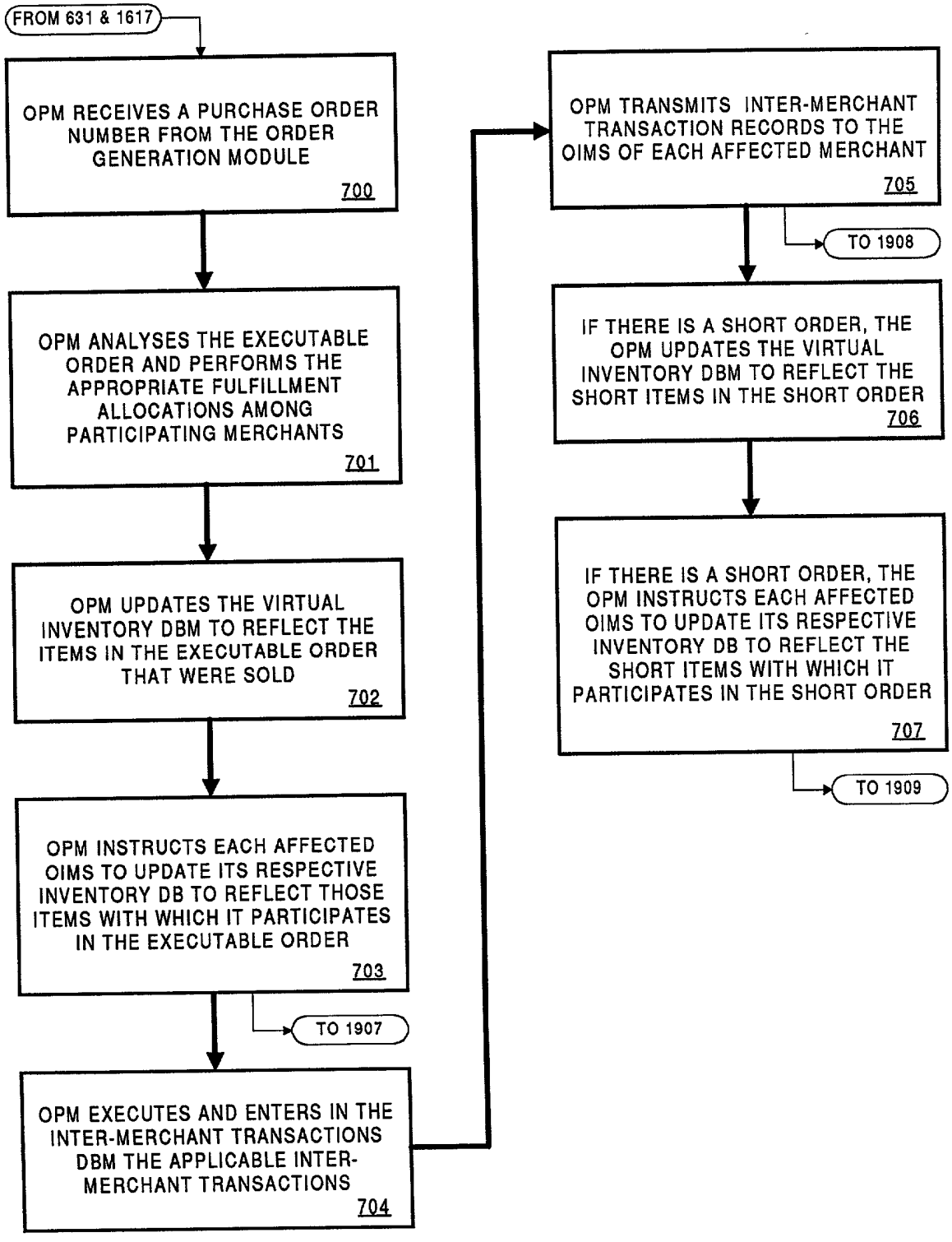

FIG. 7A

ORDER PROCESSING MODULE (OPM) FLOW CHARTS

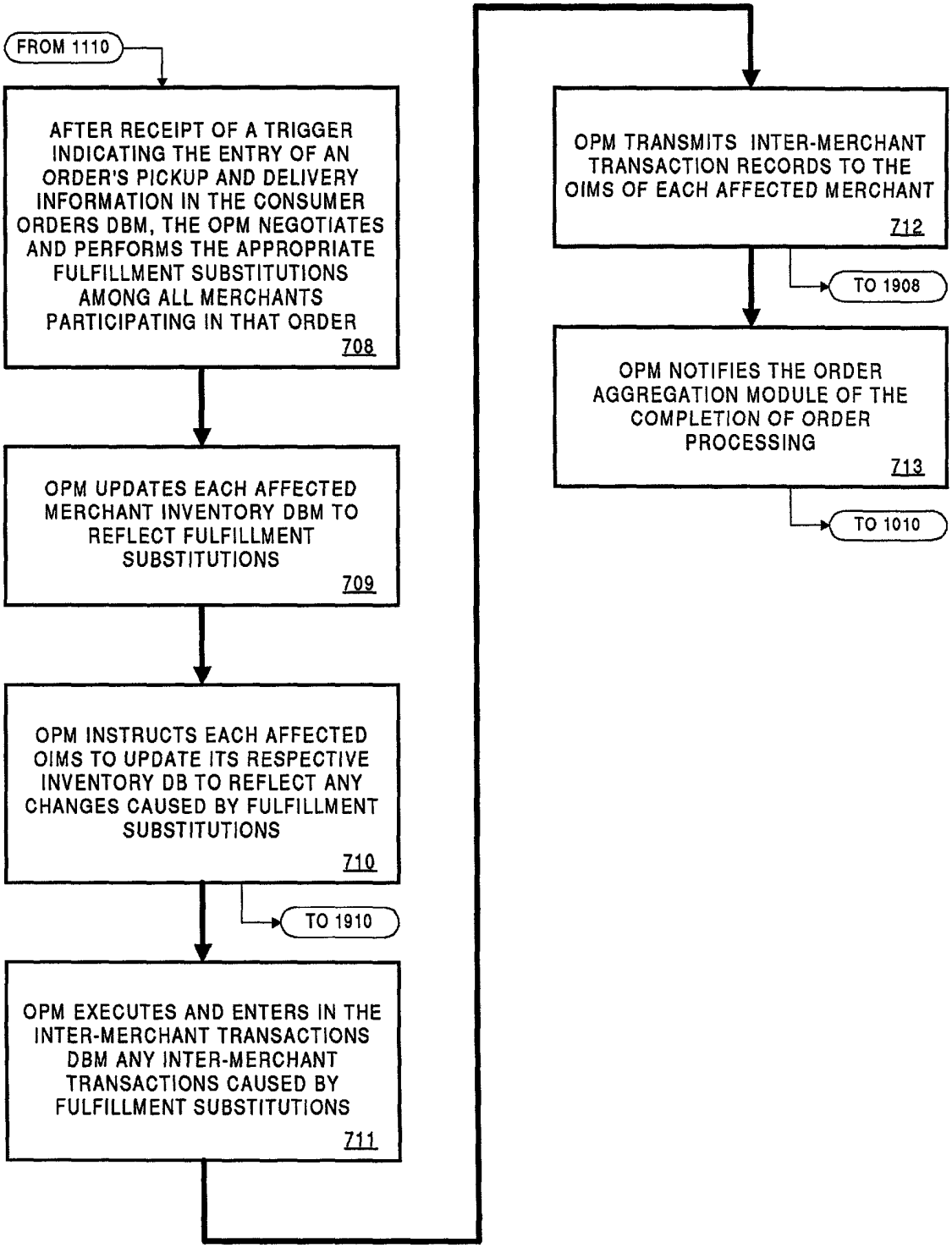

FIG. 7B

RETURN GENERATION MODULE (RGM) FLOW CHARTS

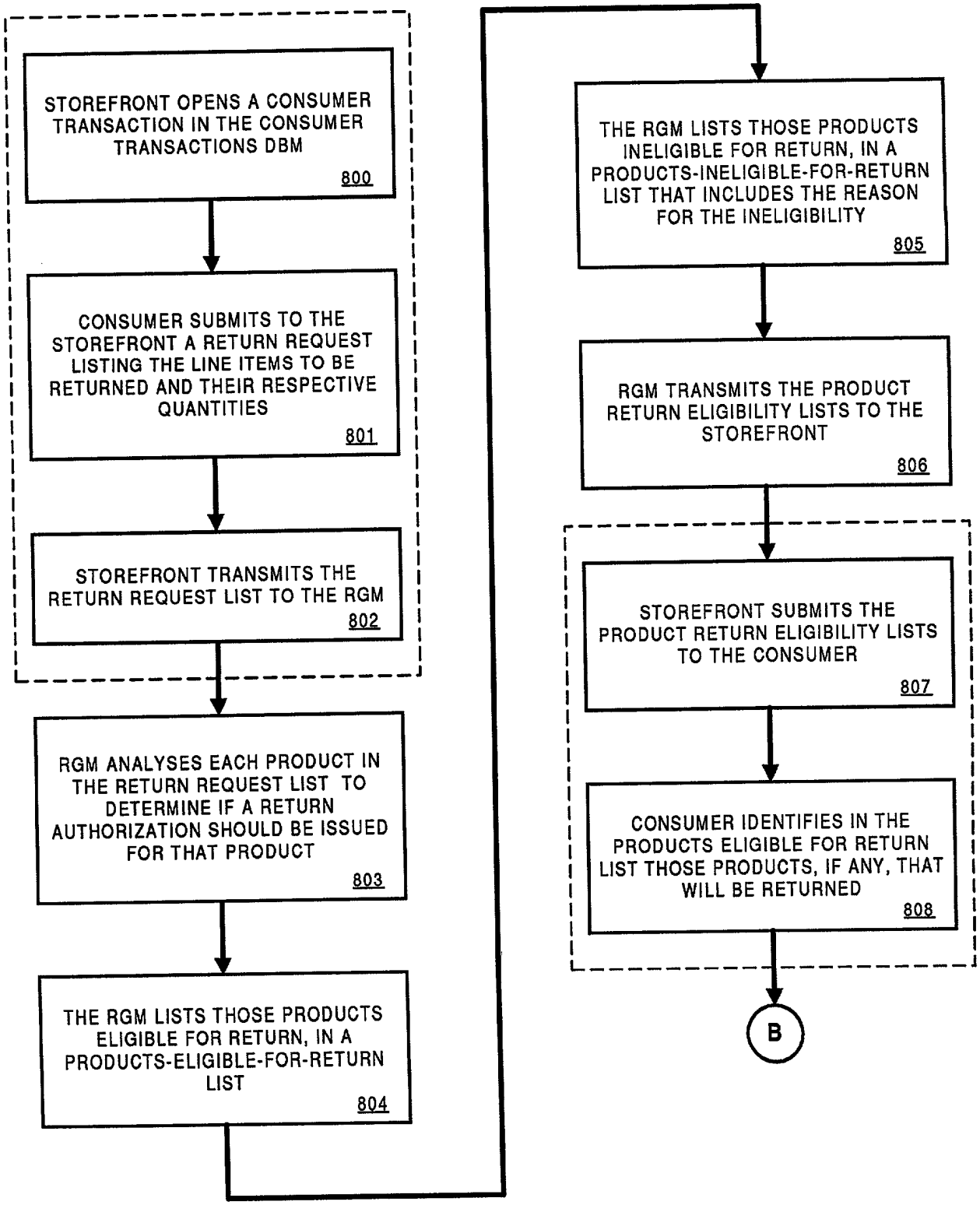

FIG. 8A

RETURN GENERATION MODULE (RGM) FLOW CHARTS

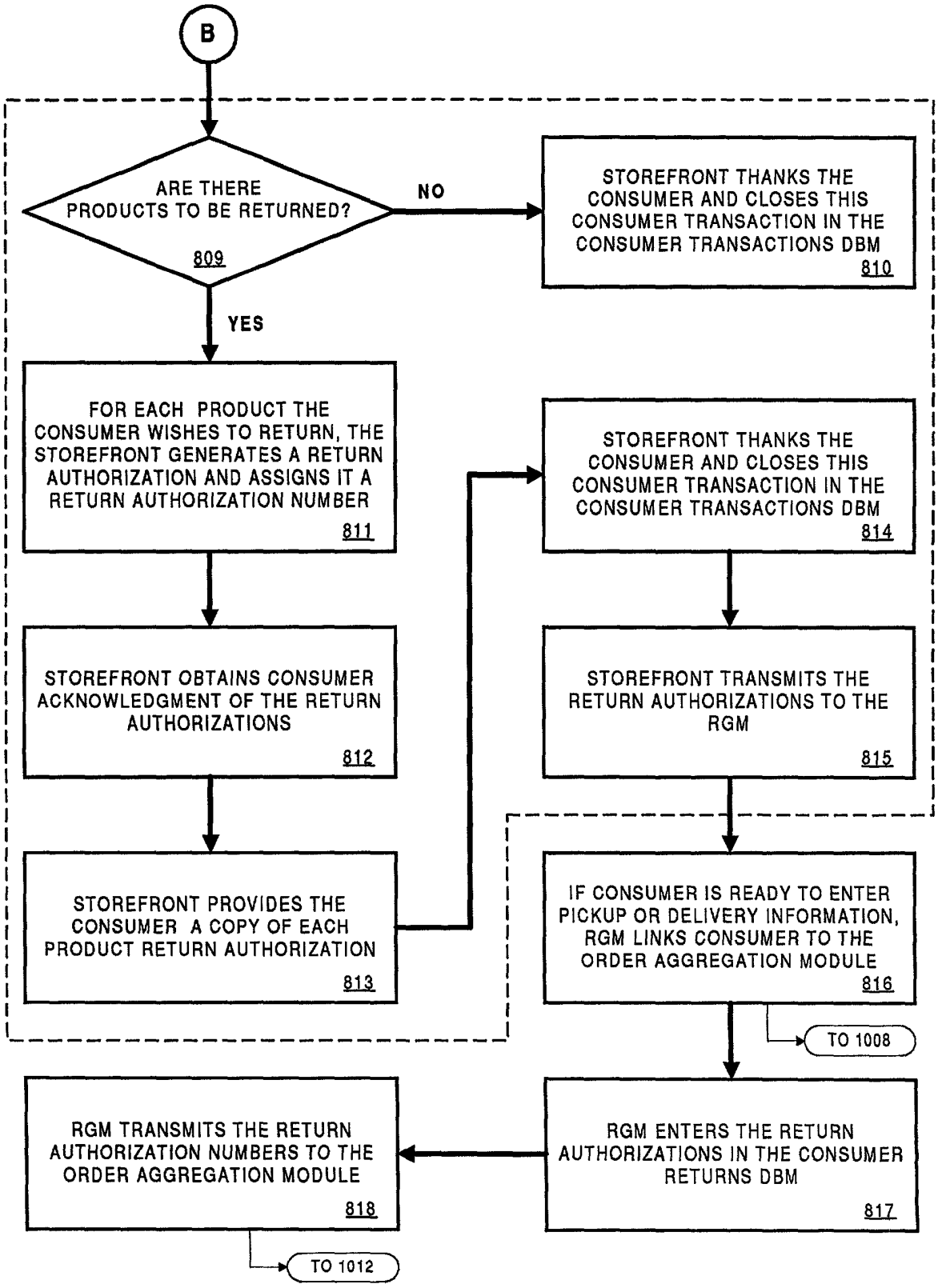

FIG. 8B

RETURN GENERATION MODULE (RGM) FLOW CHARTS

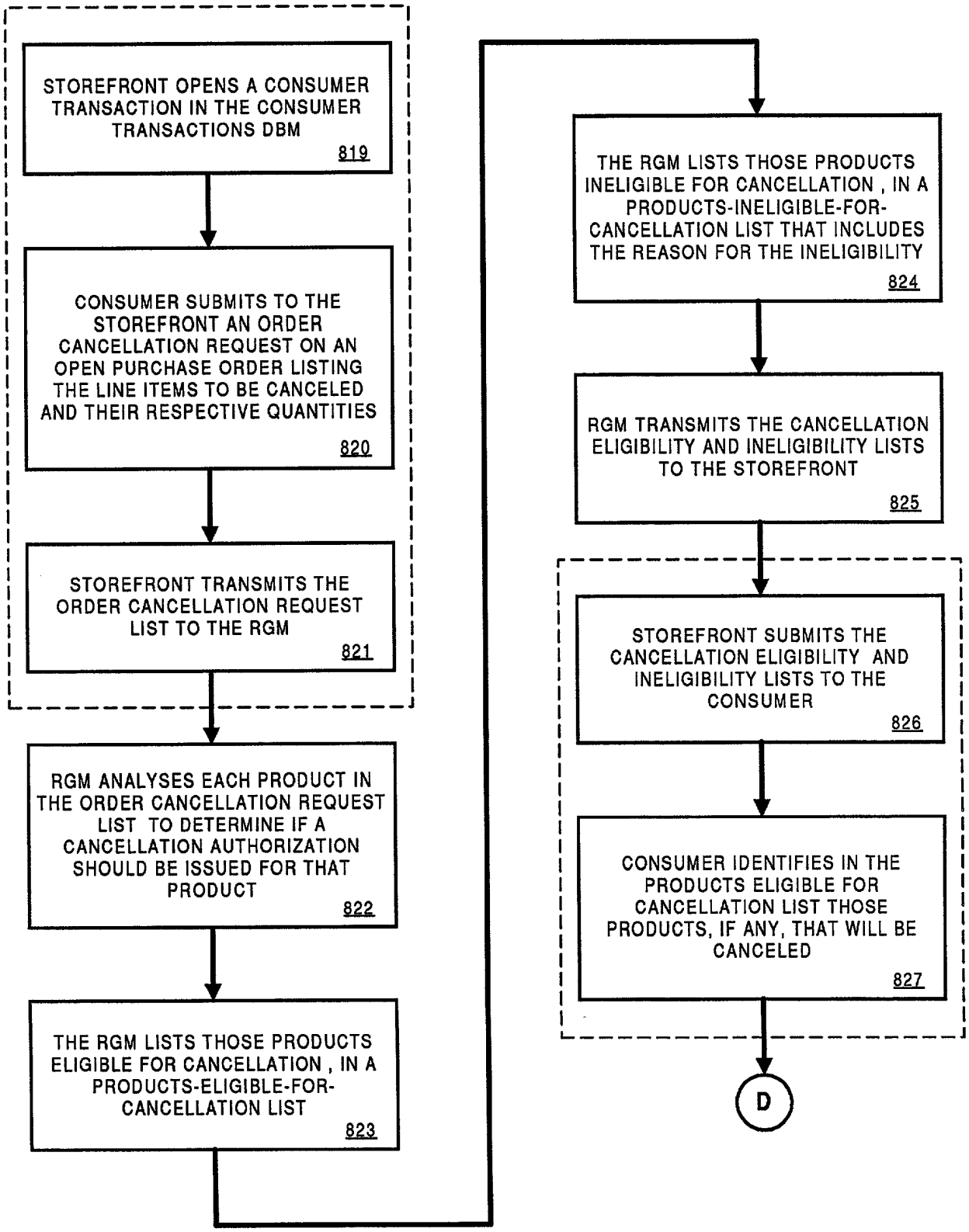

FIG. 8C

RETURN GENERATION MODULE (RGM) FLOW CHARTS

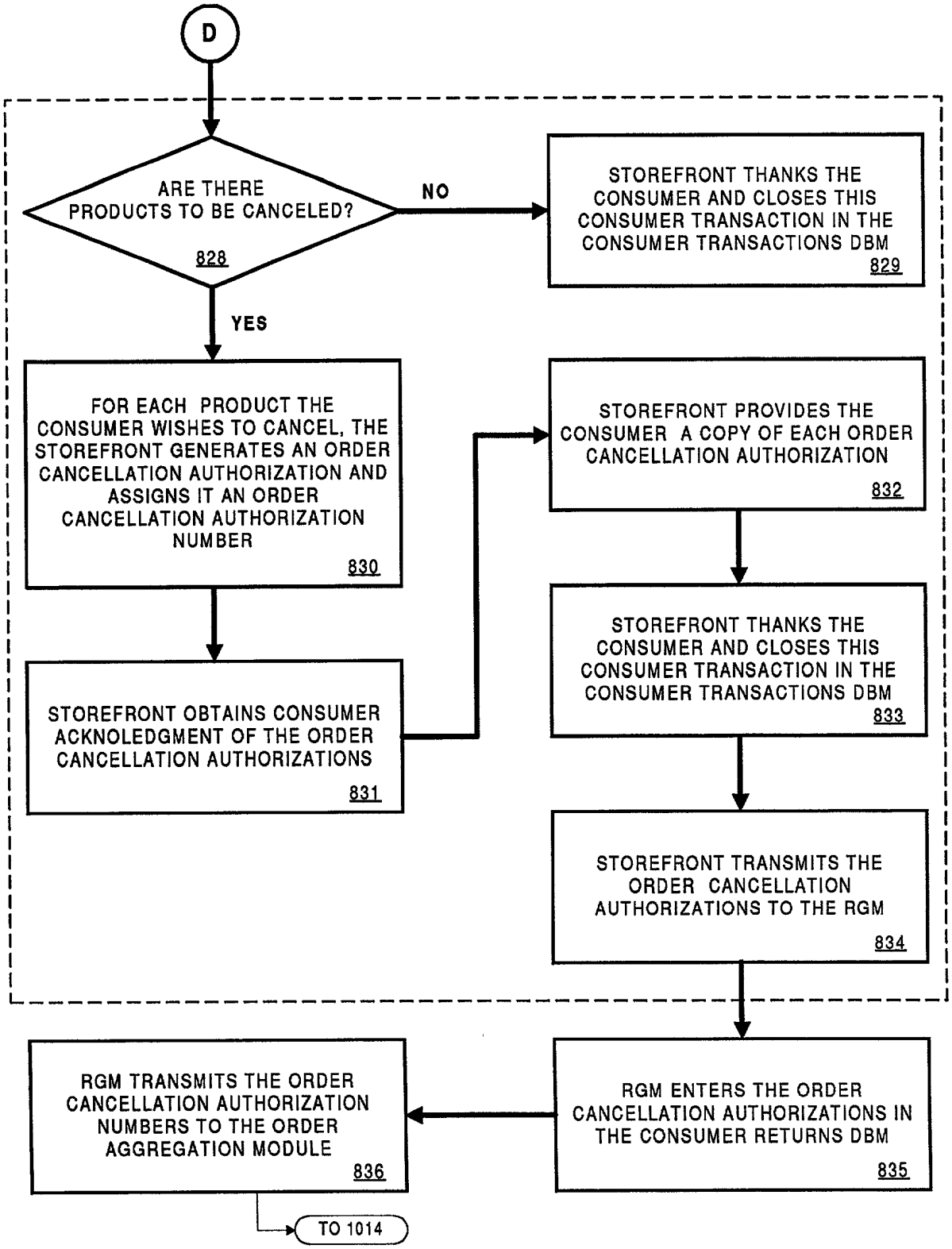

FIG. 8D

RETURN GENERATION MODULE (RGM) FLOW CHARTS

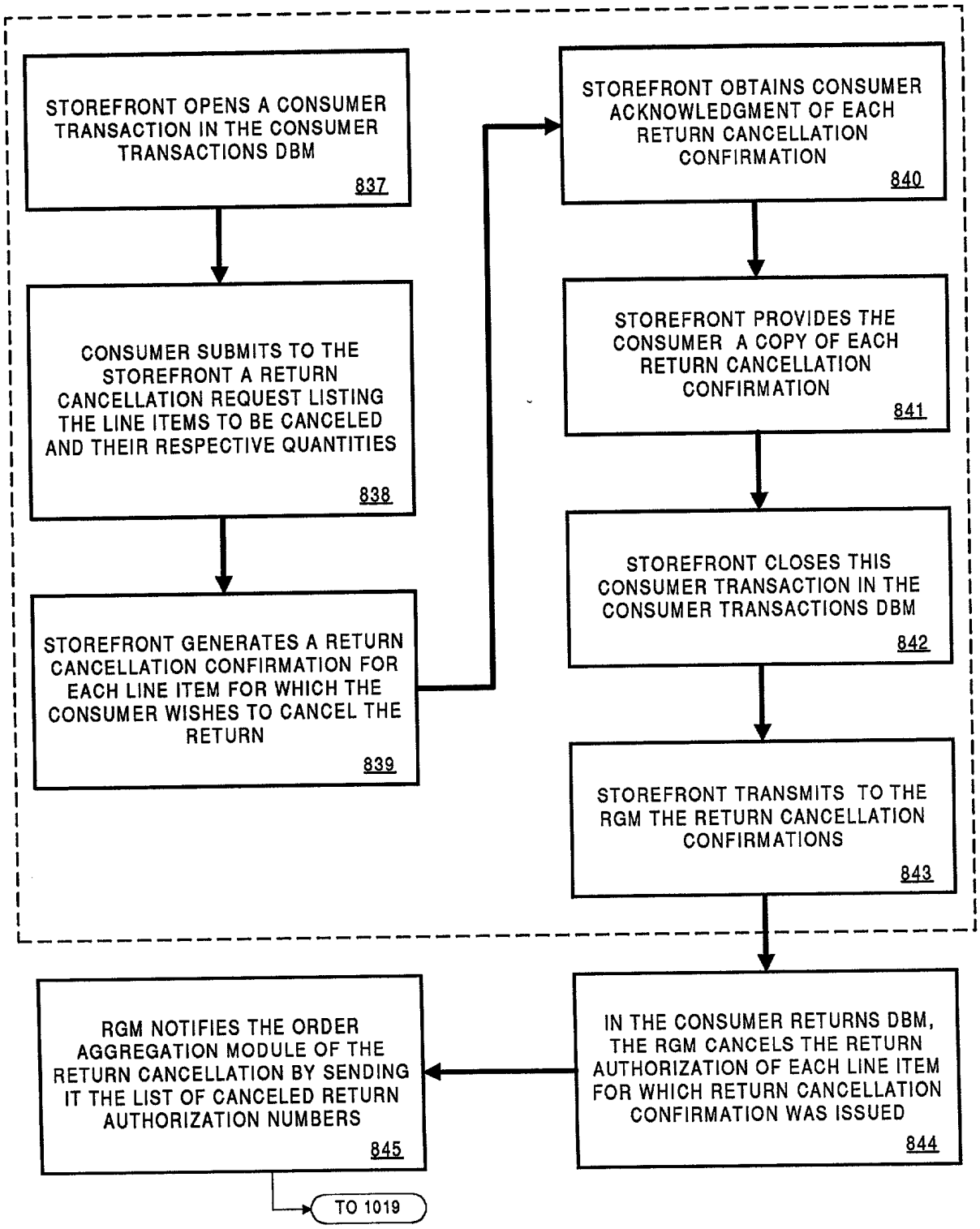

FIG. 8E

RETURNS PROCESSING MODULE (RPM) FLOW CHARTS

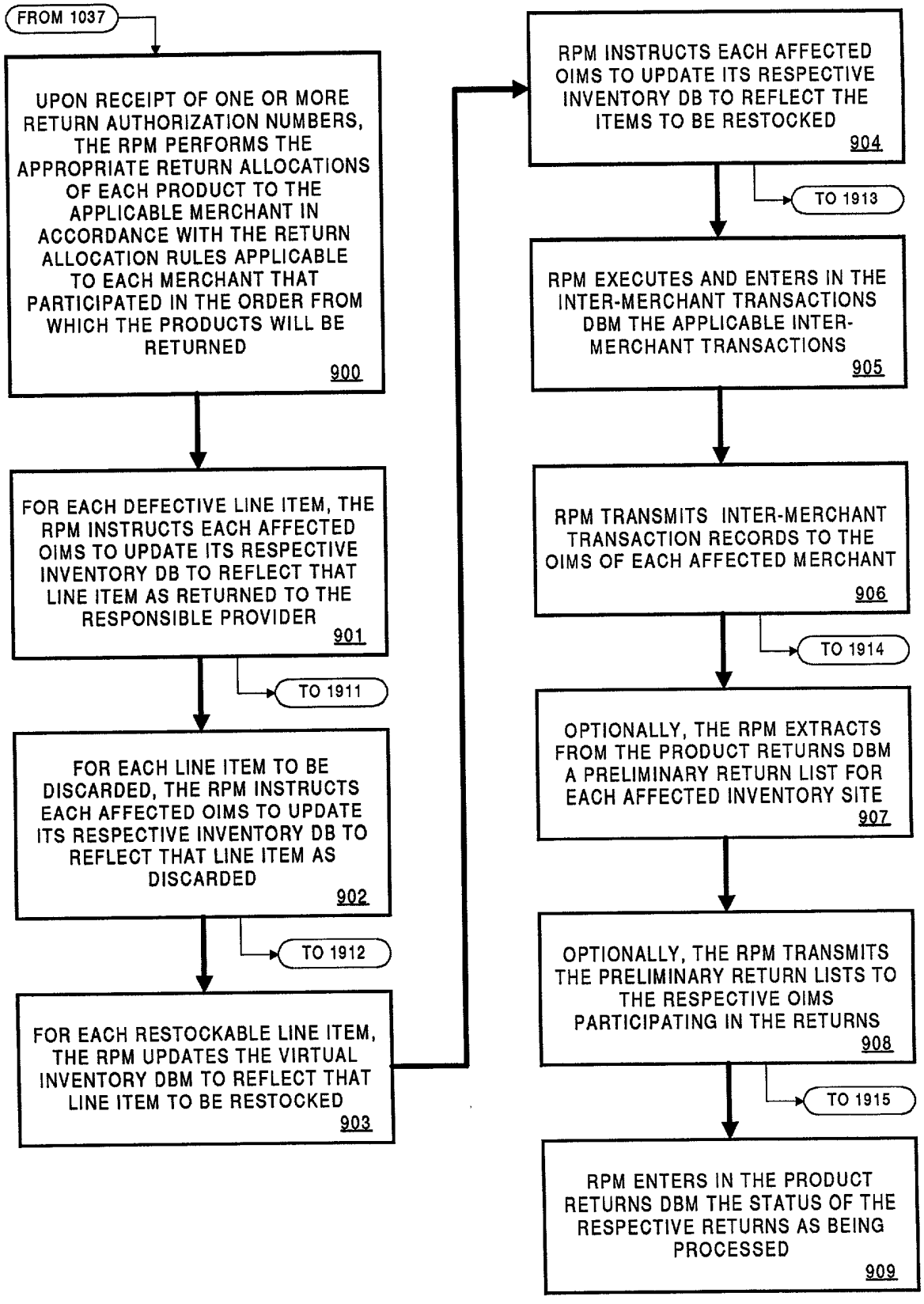

FIG. 9A

RETURNS PROCESSING MODULE (RPM) FLOW CHARTS

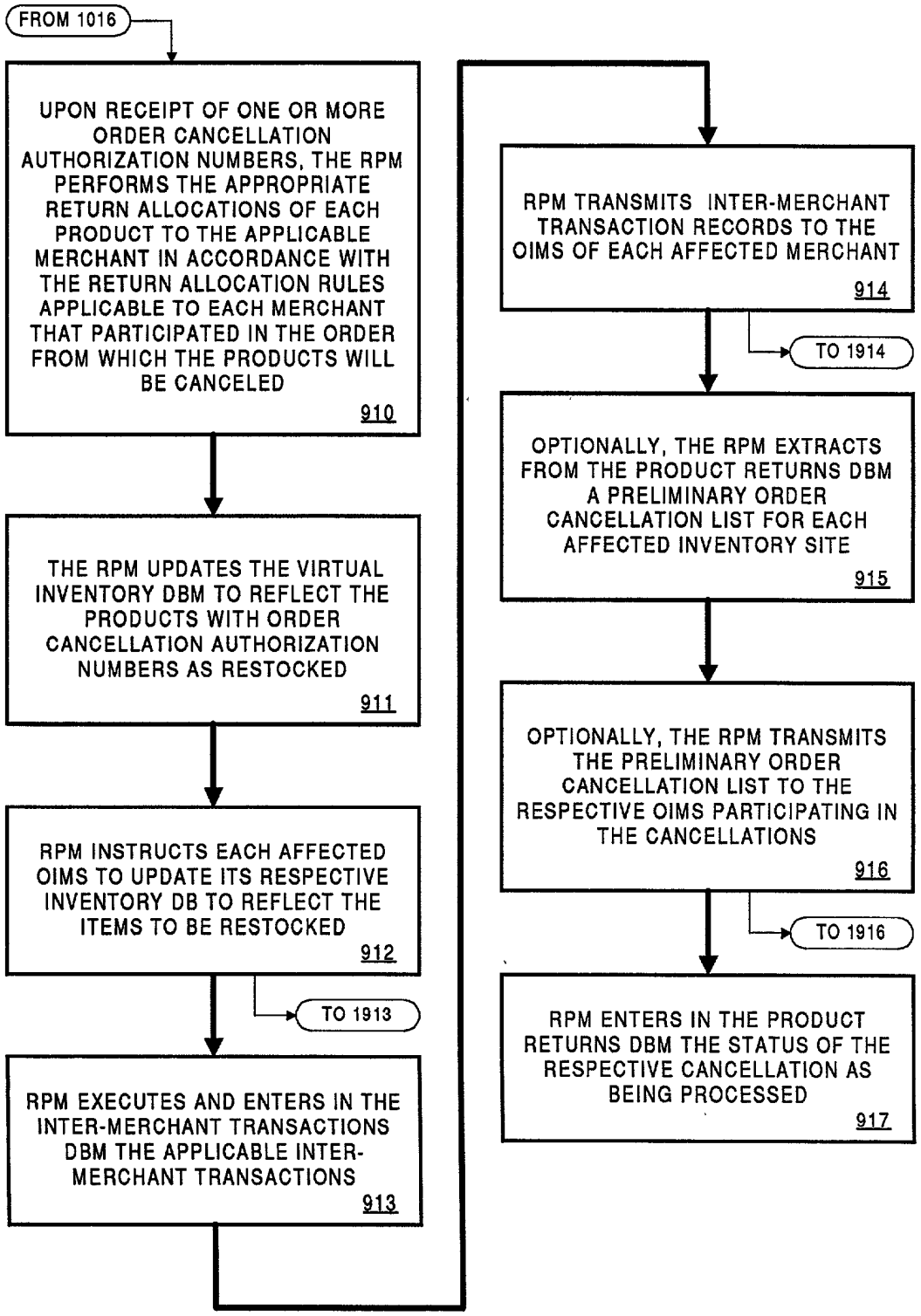

FIG. 9B

ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

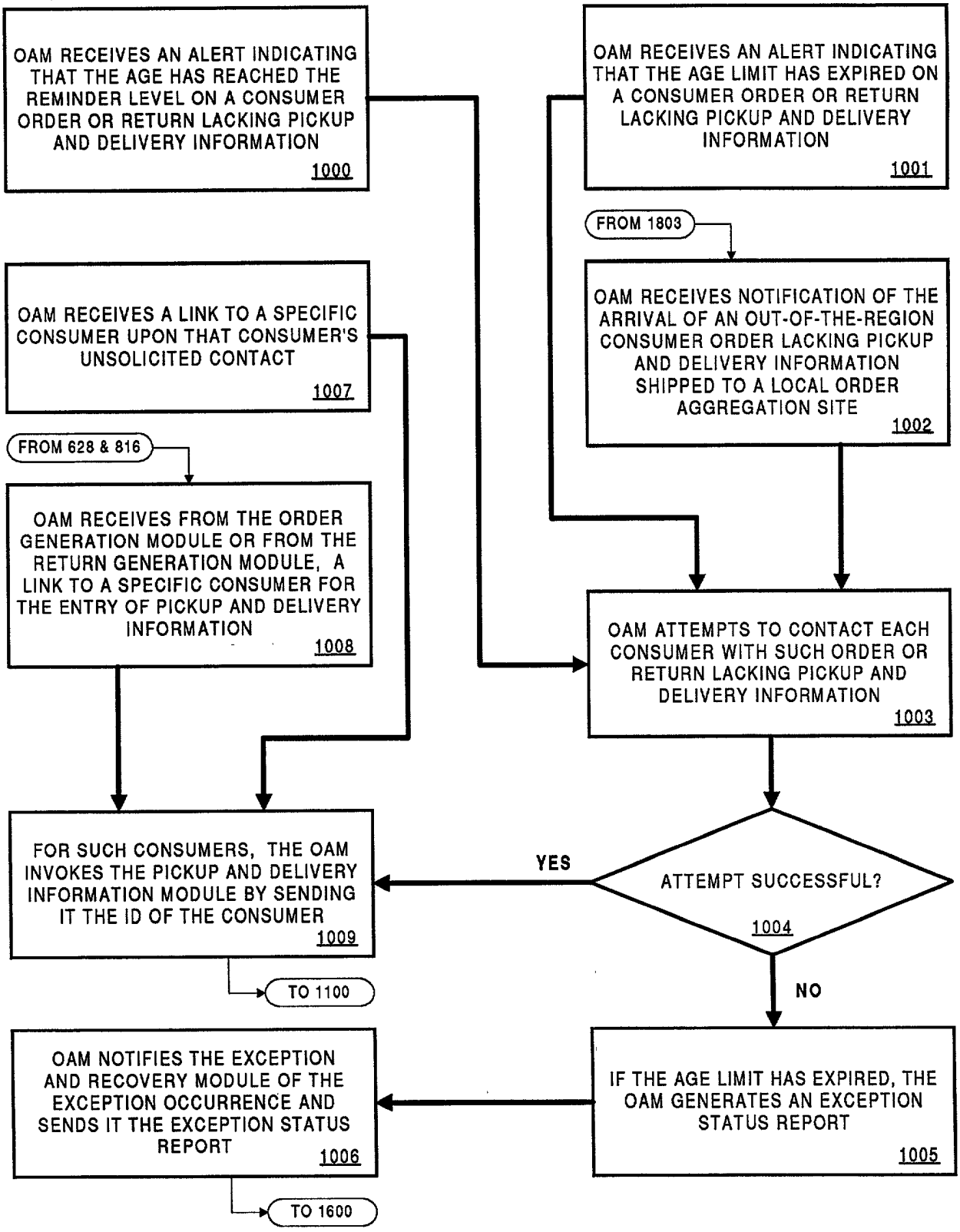

FIG. 10A

ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

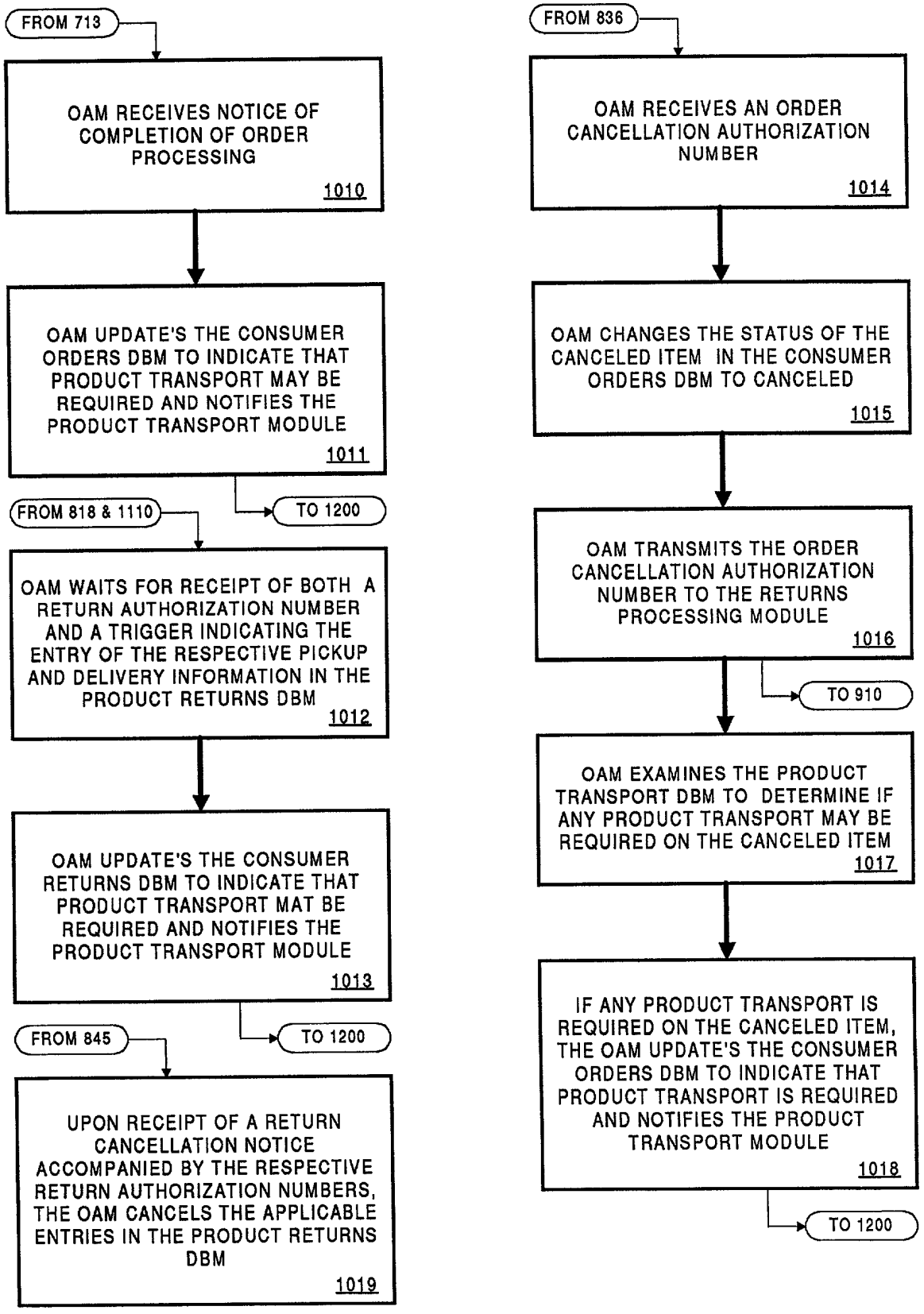

FIG. 10B

ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

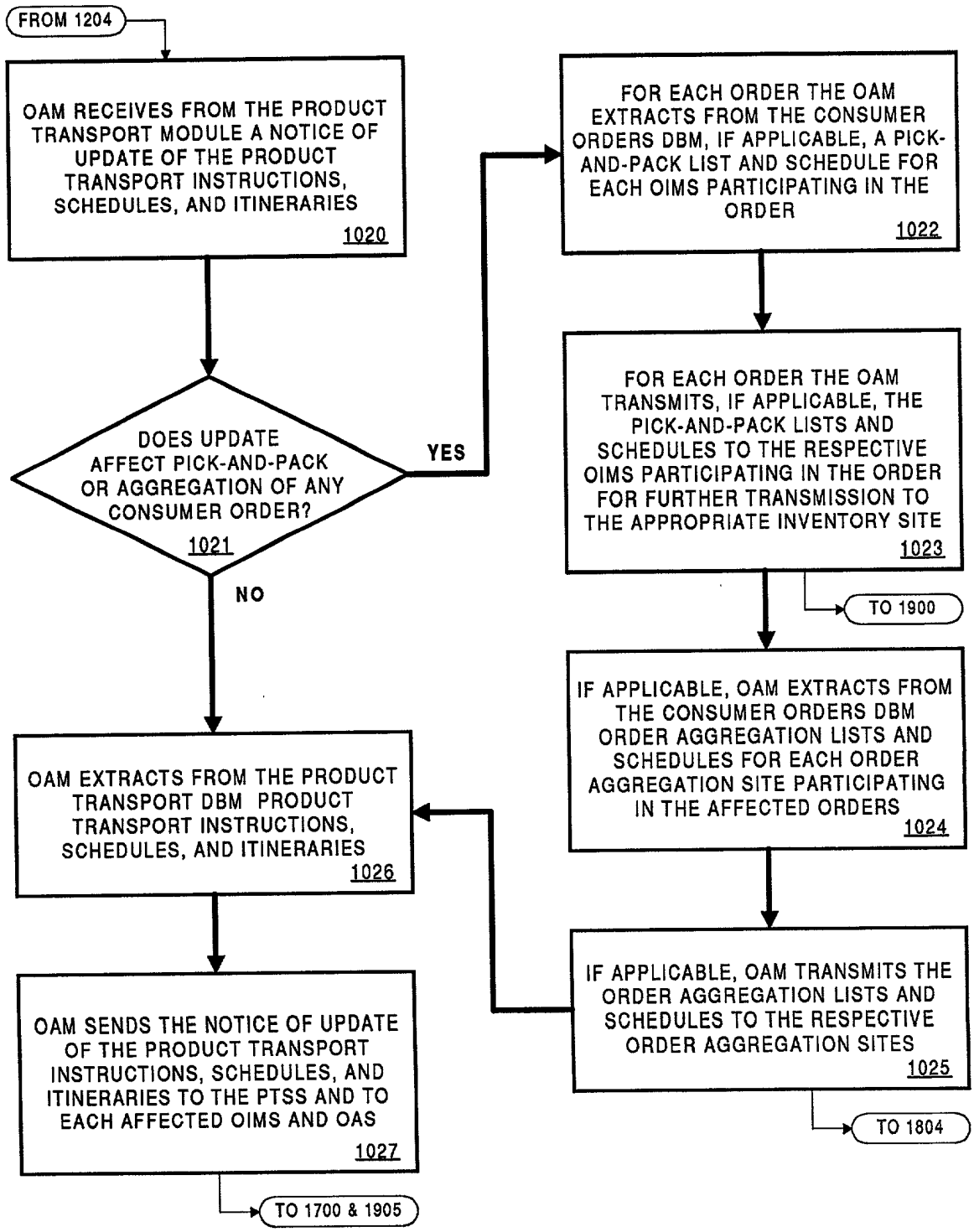

FIG. 10C

ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

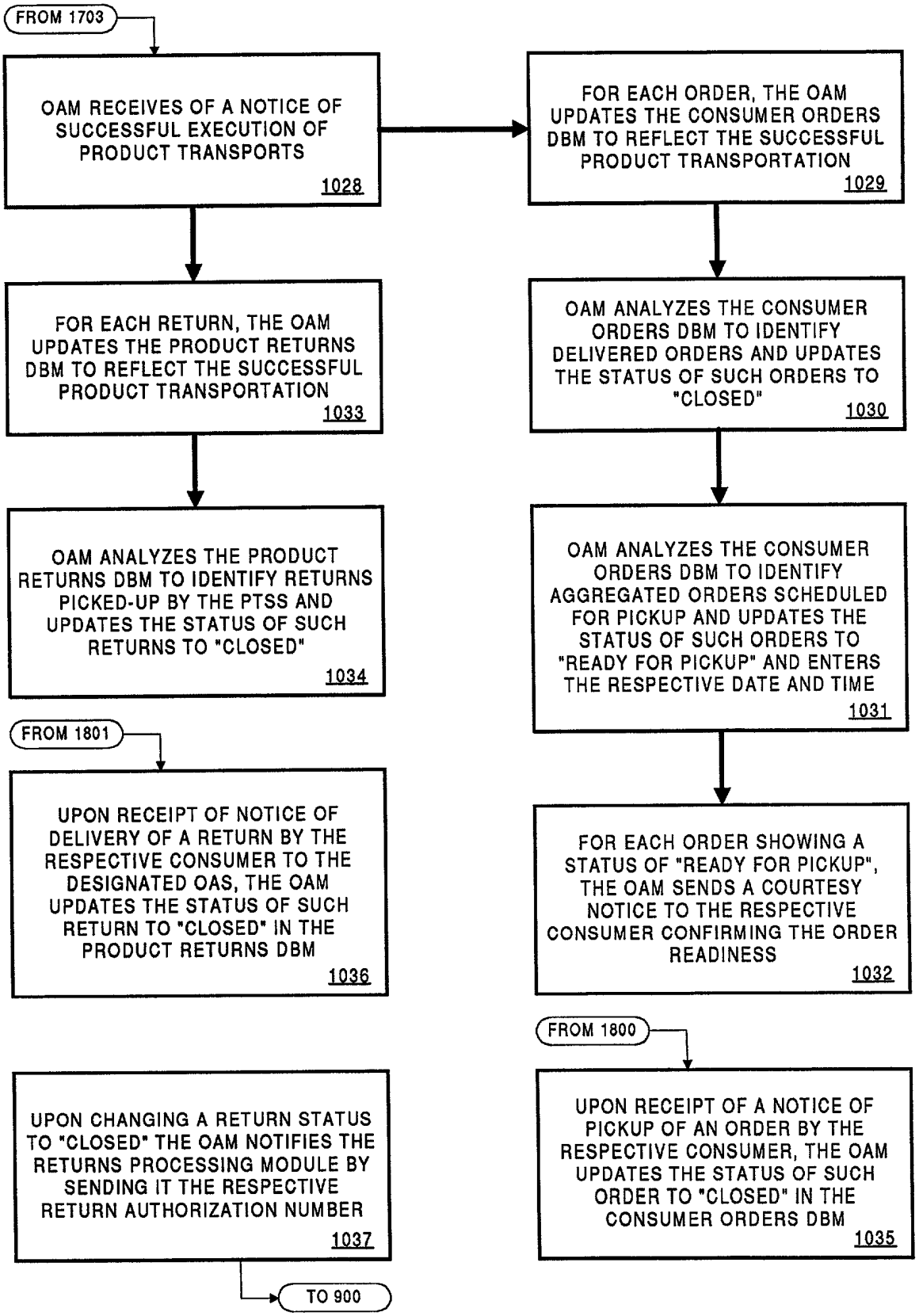

FIG. 10D

ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

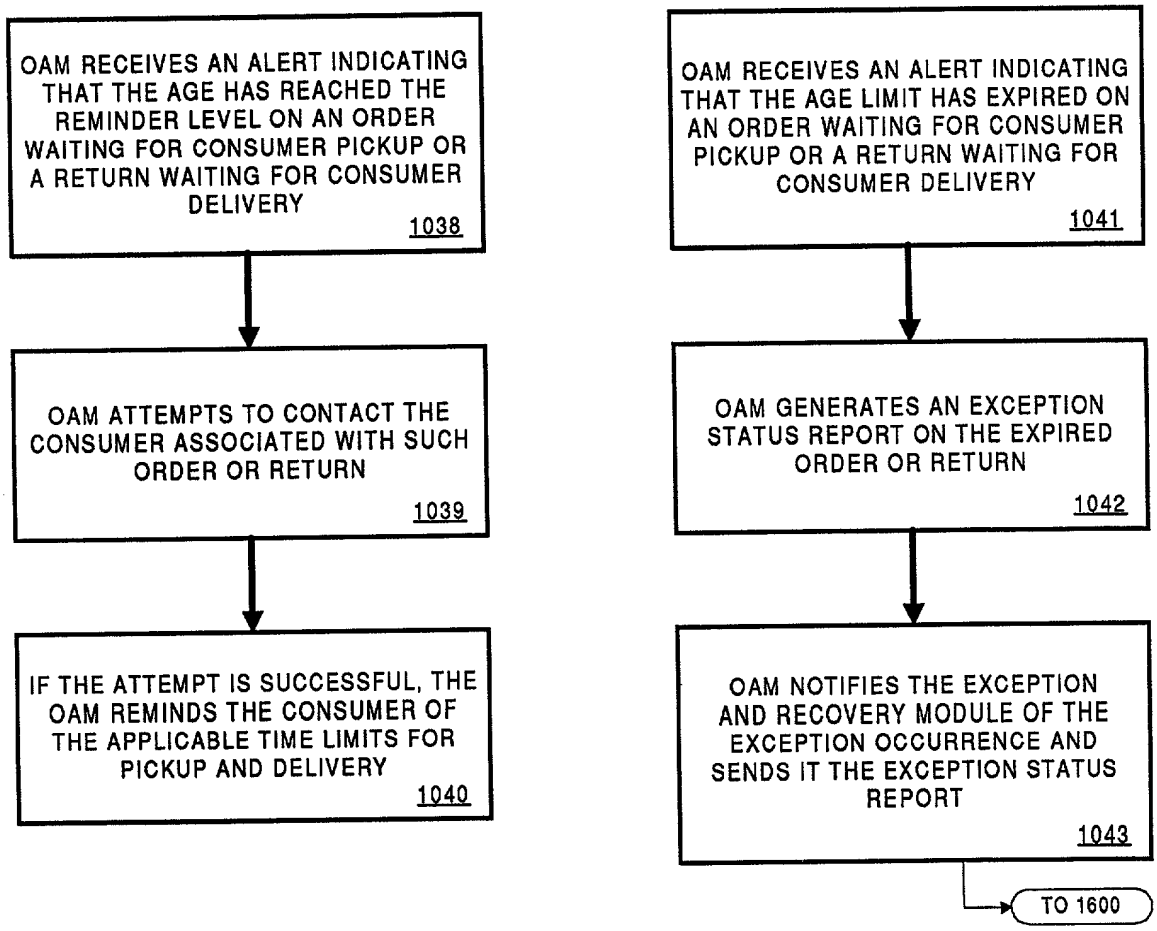

FIG. 10E

PICKUP AND DELIVERY INFORMATION MODULE (PDIM) FLOW CHART

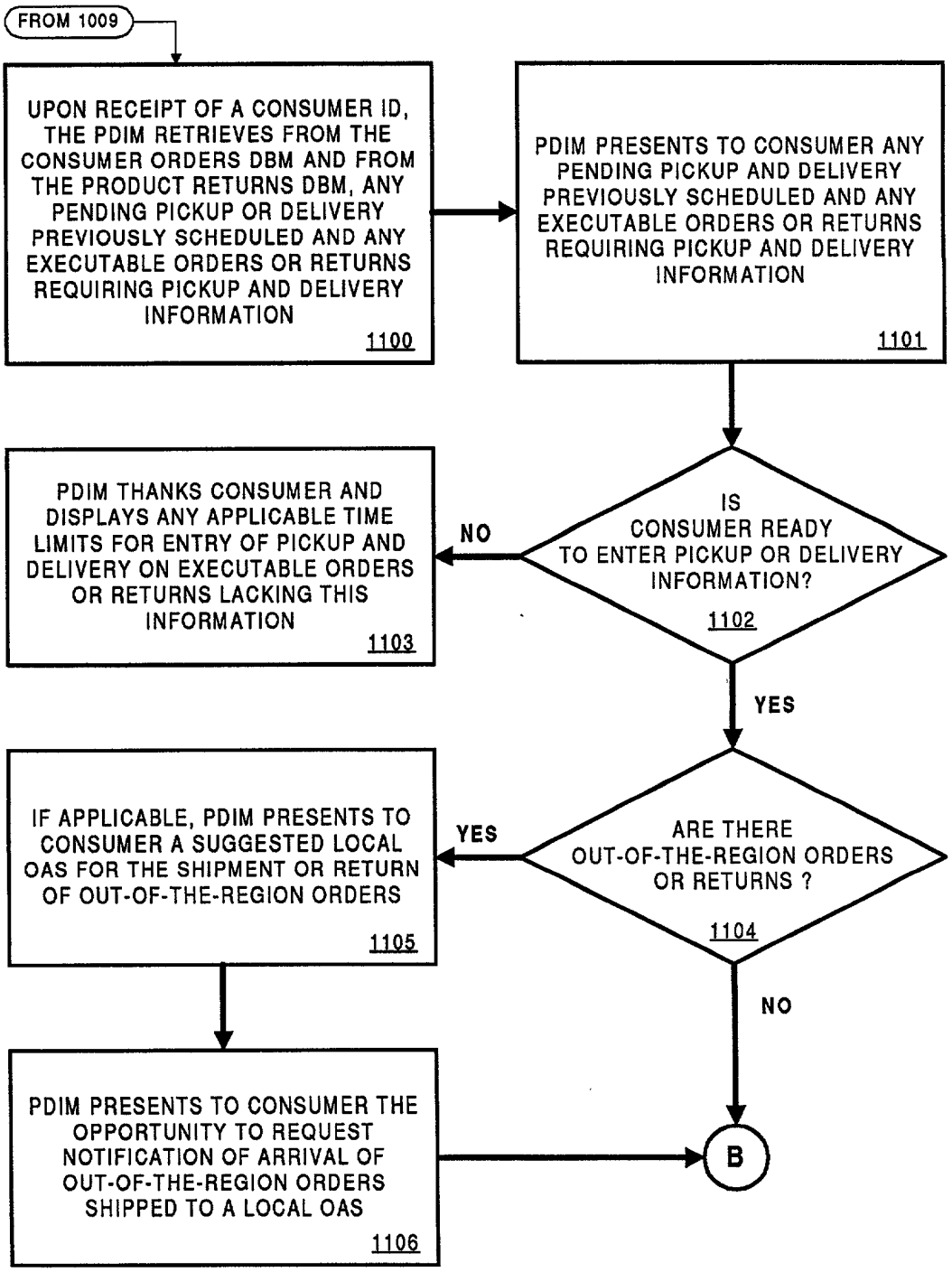

FIG. 11A

PICKUP AND DELIVERY INFORMATION MODULE (PDIM) FLOW CHART

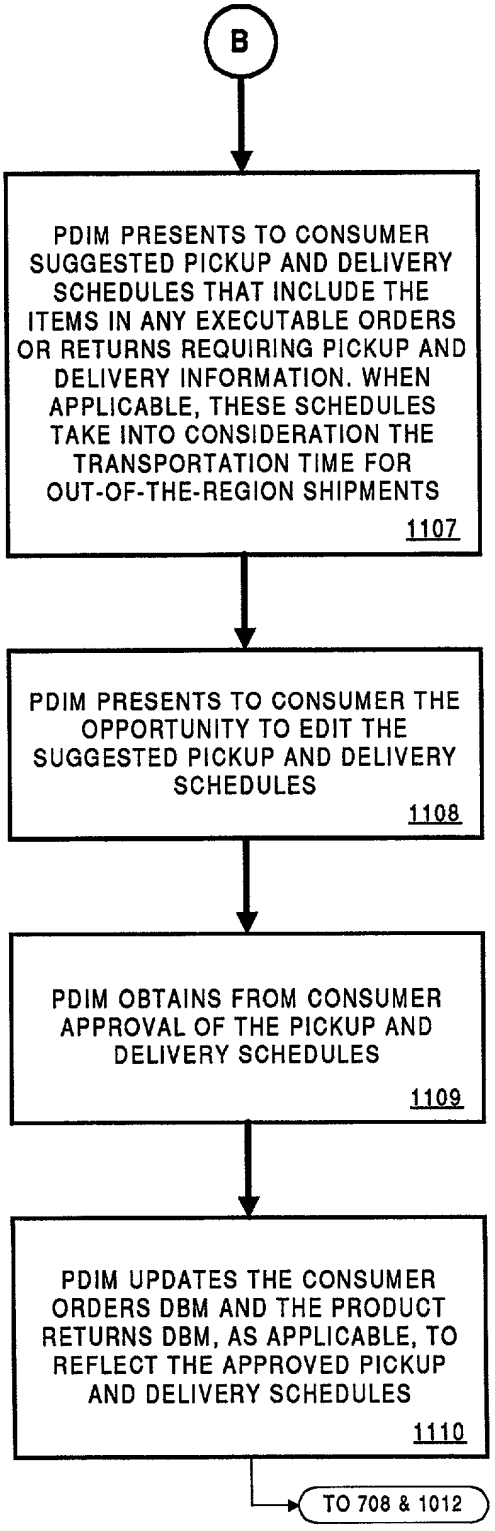

FIG. 11B

PRODUCT TRANSPORT MODULE (PTM) FLOW CHART

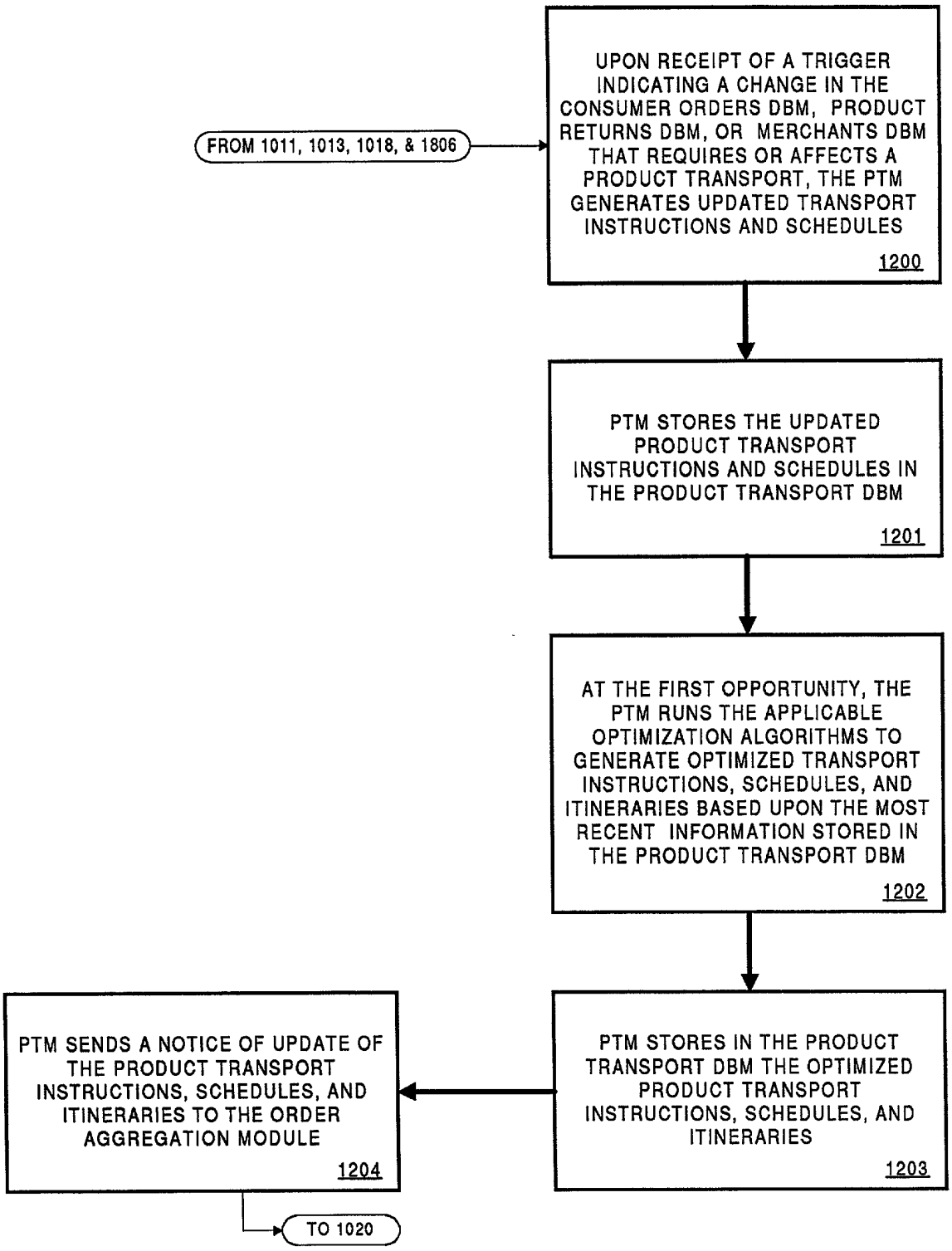

FIG. 12

US 2020/0258160 A1

CONFIGURATION DIAGRAM OF CUSTOMER SERVICE MODULE (CSM)

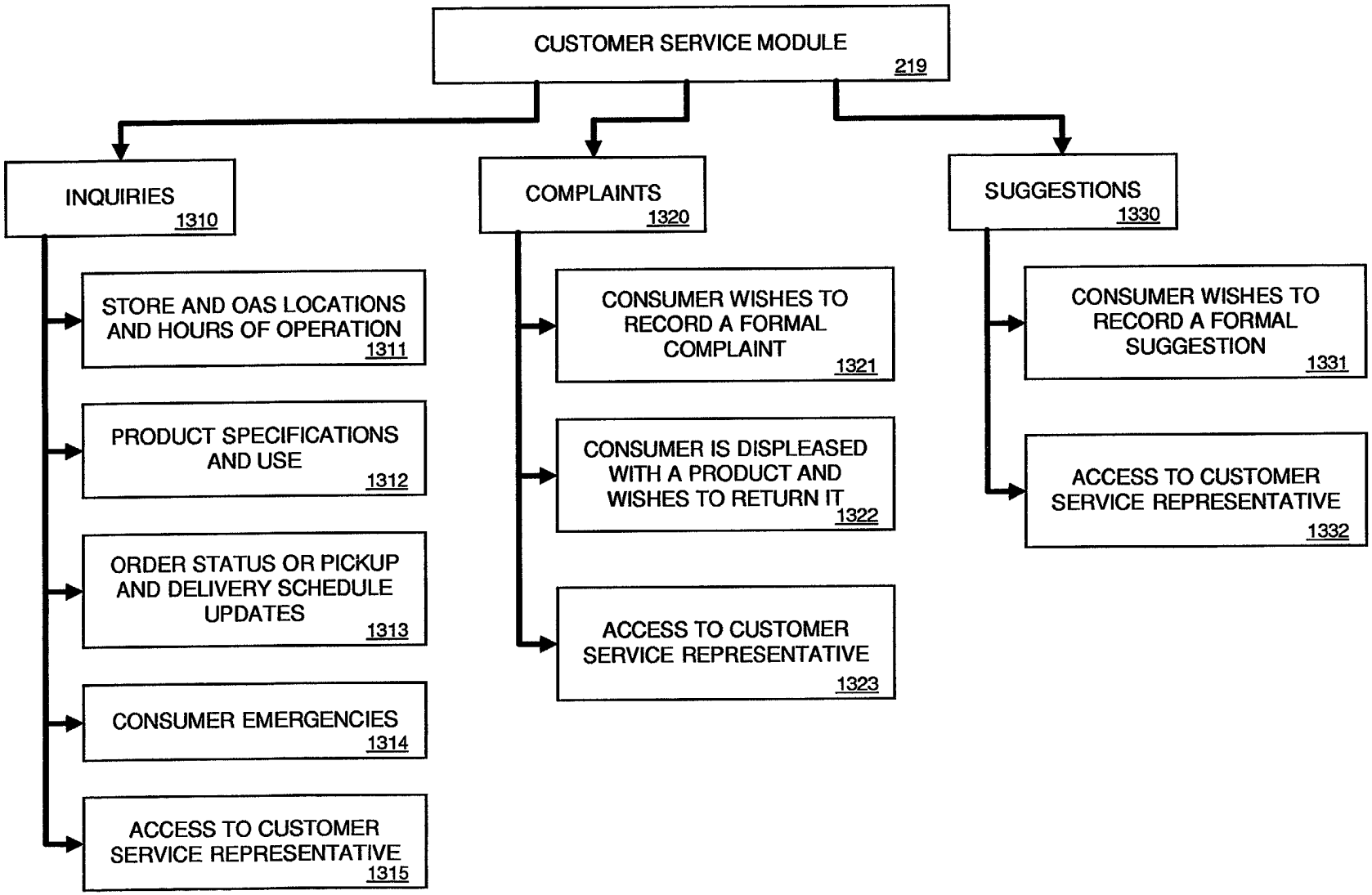

FIG. 13A

SCHEDULING PROCESS FOR CUSTOMER SERVICE MODULE (CSM)

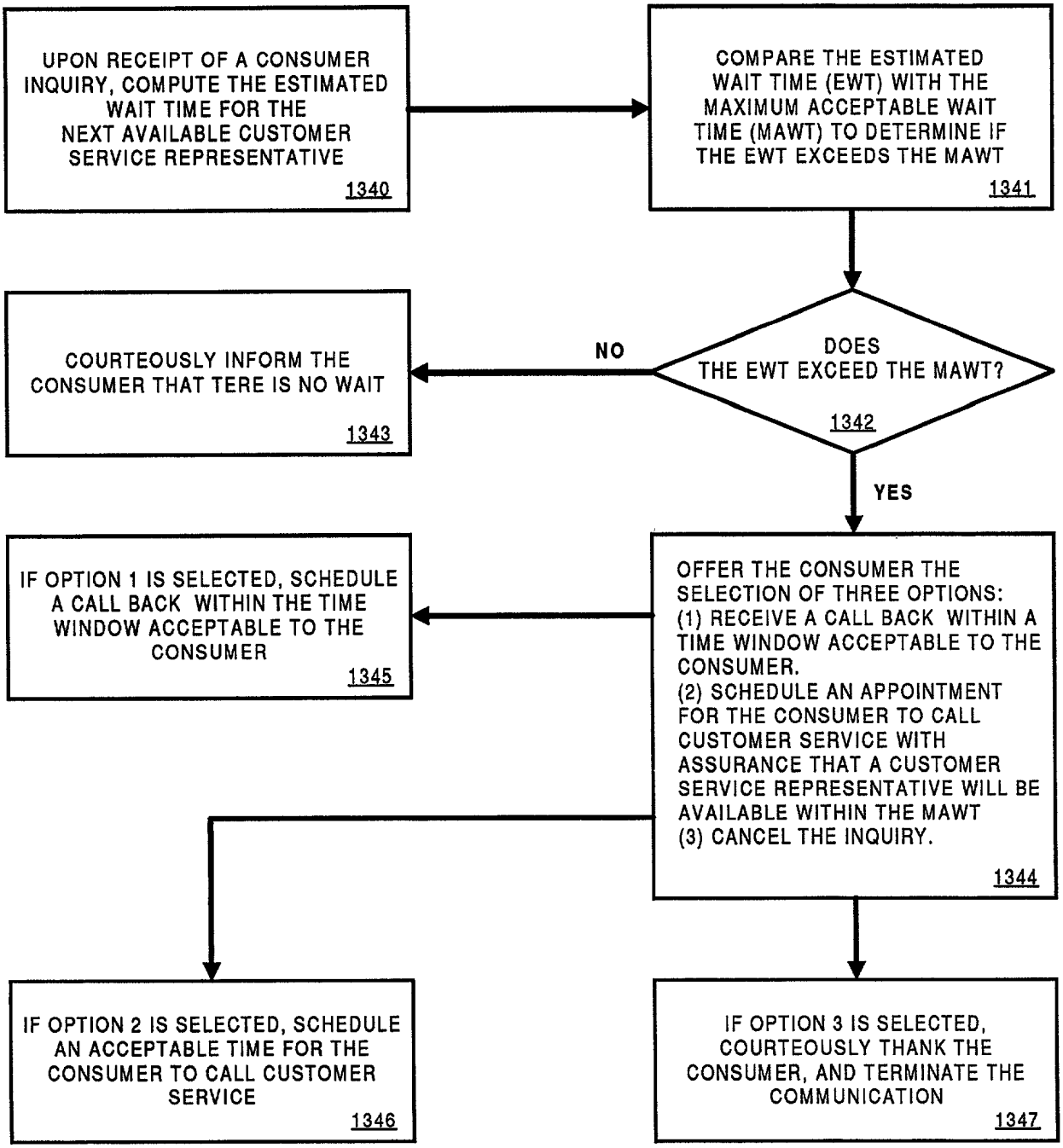

FIG. 13B

CONFIGURATION DIAGRAM OF STATISTICAL ANALYSIS MODULE (SAM)

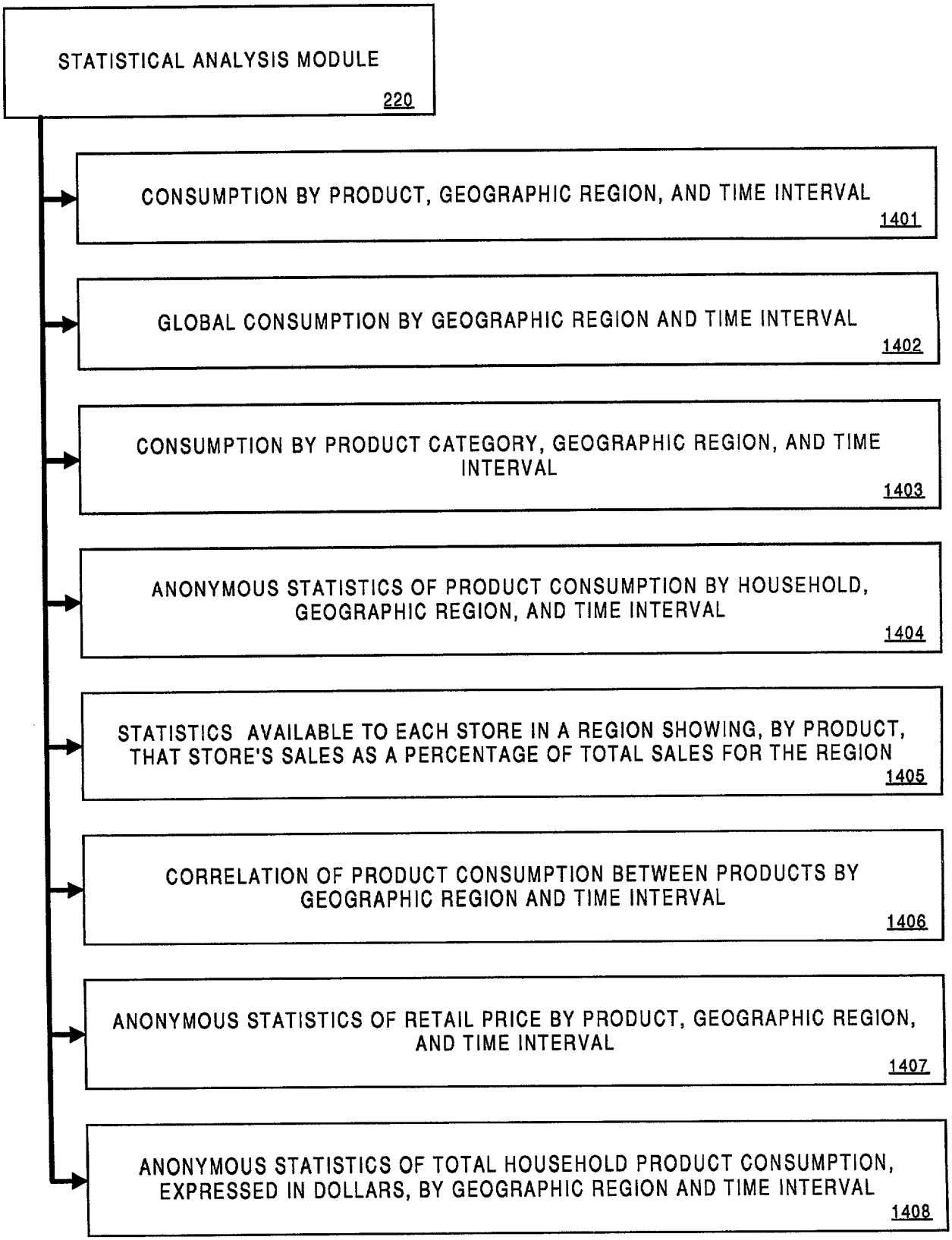

FIG. 14

CONFIGURATION DIAGRAM OF ACCOUNTING & BILLING MODULE (ABM)

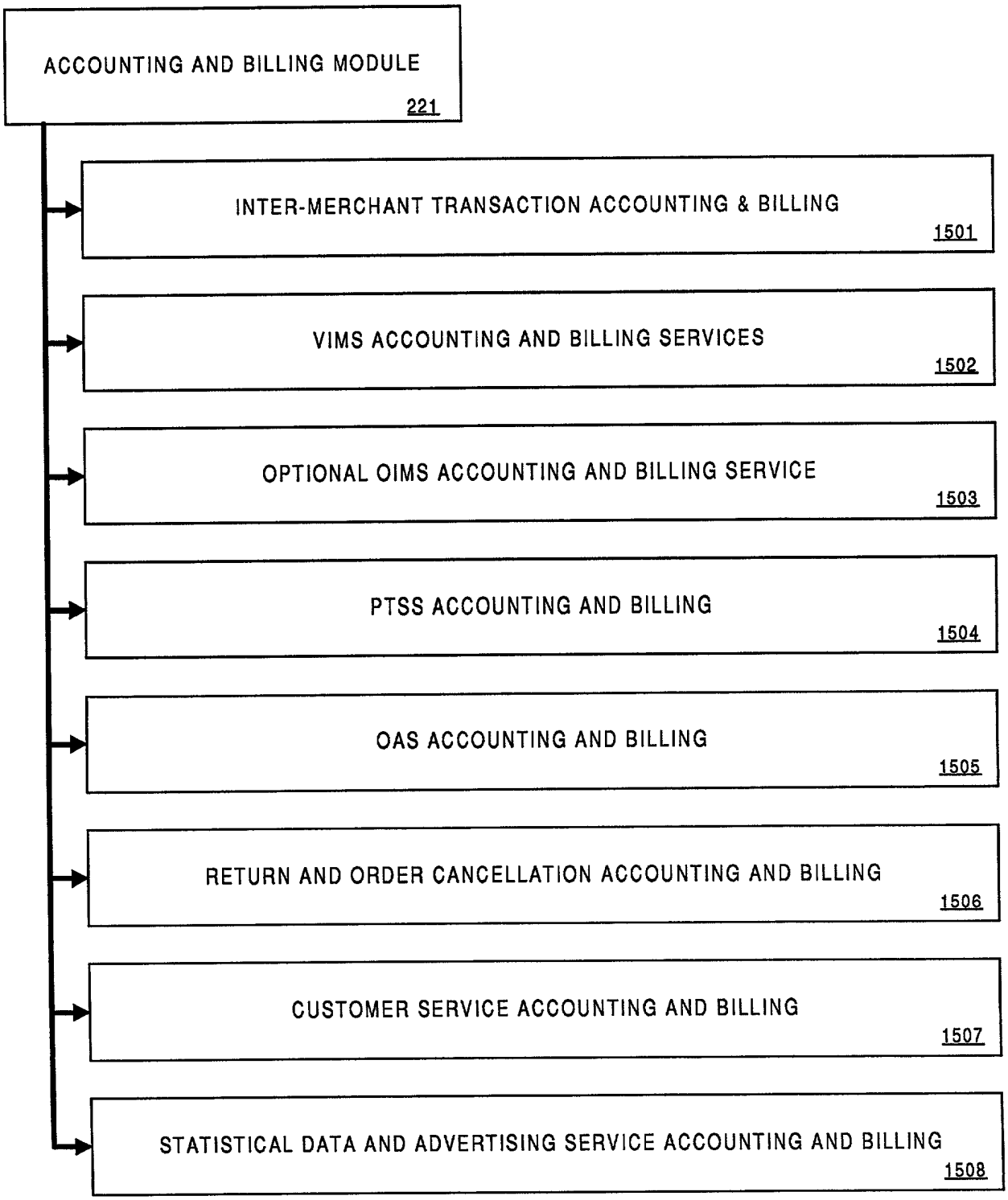

FIG. 15

EXCEPTION AND RECOVERY MODULE (ERM) FLOW CHARTS

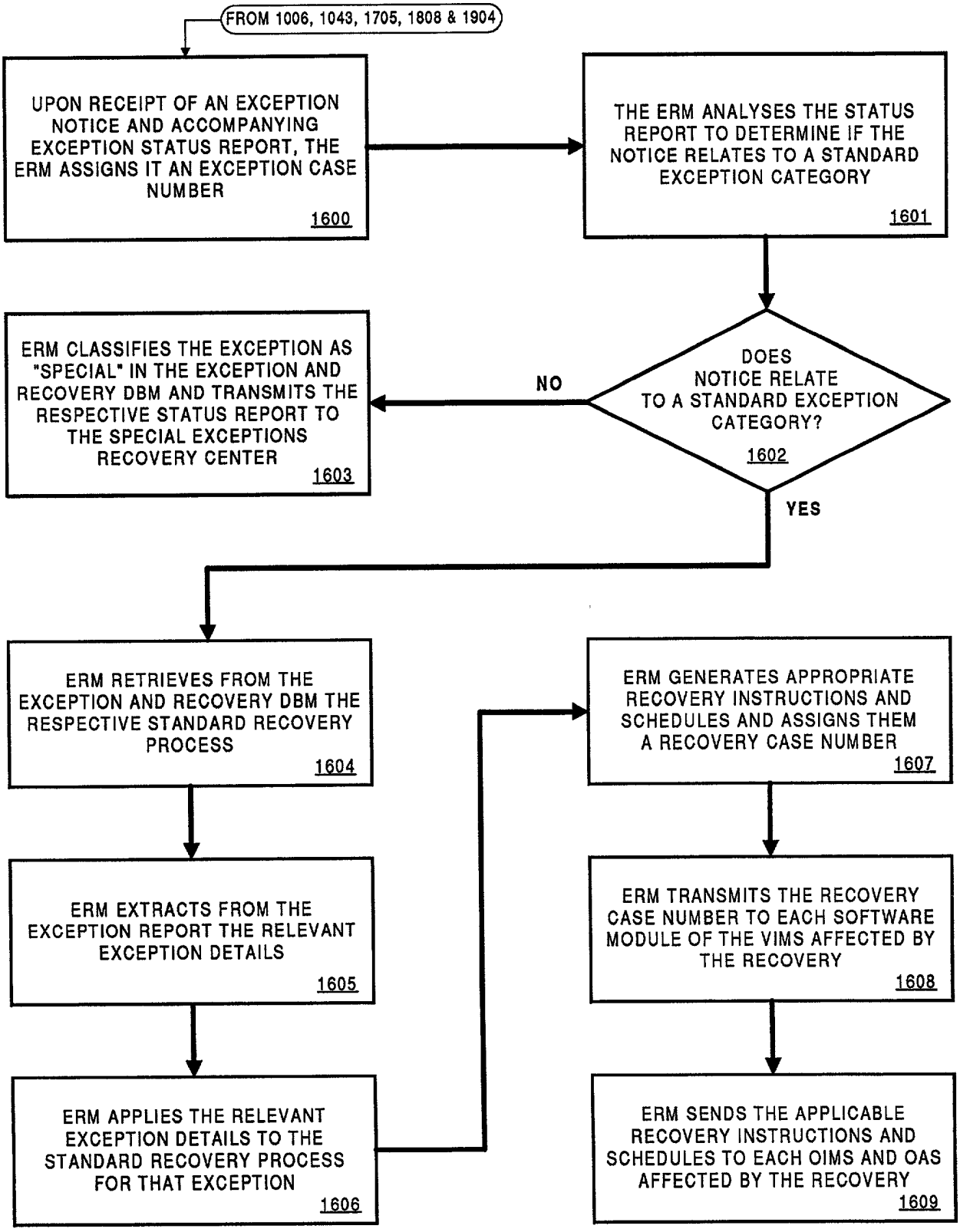

FIG. 16A

EXCEPTION AND RECOVERY MODULE (ERM) FLOW CHARTS

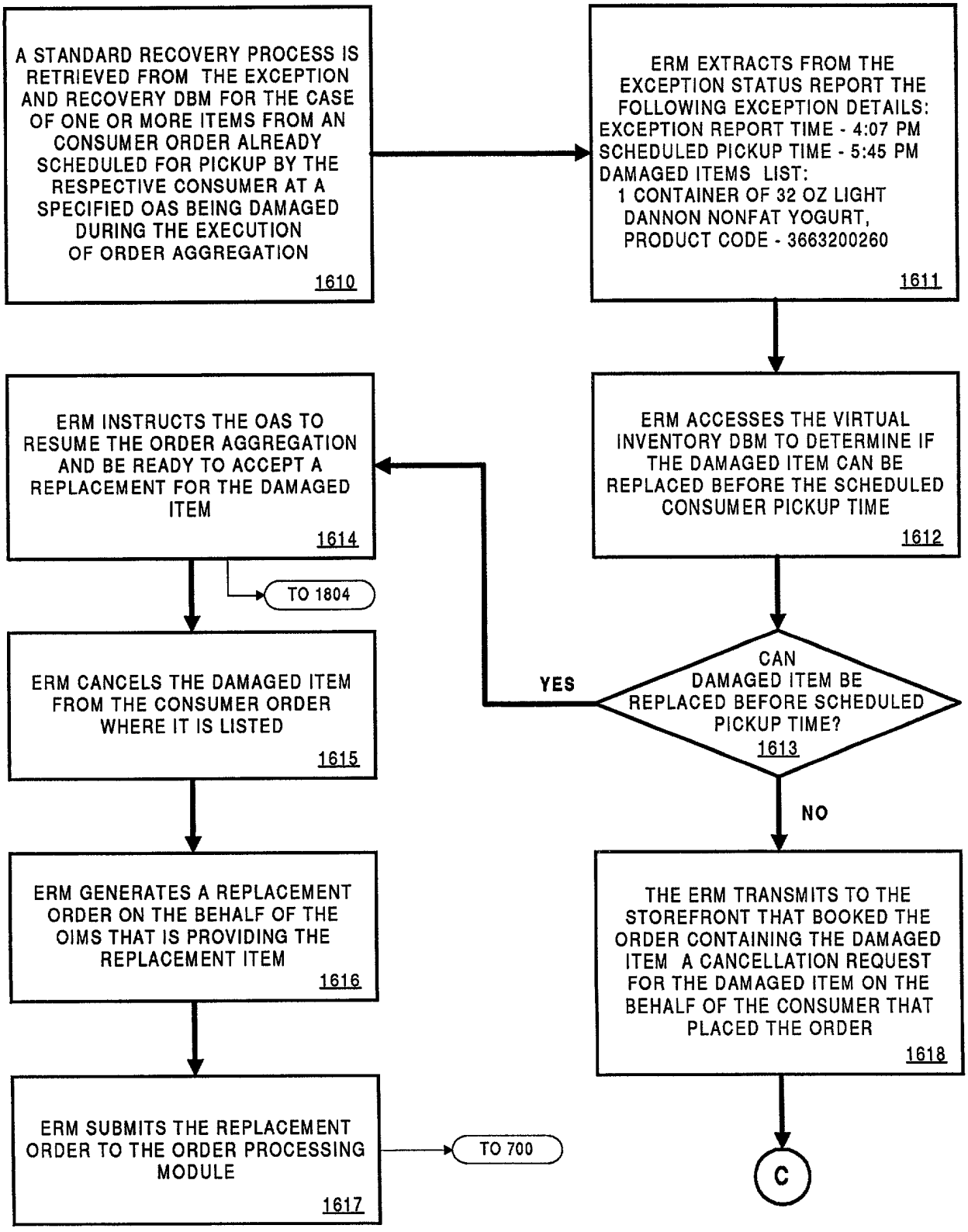

FIG. 16B

EXCEPTION AND RECOVERY MODULE (ERM) FLOW CHARTS

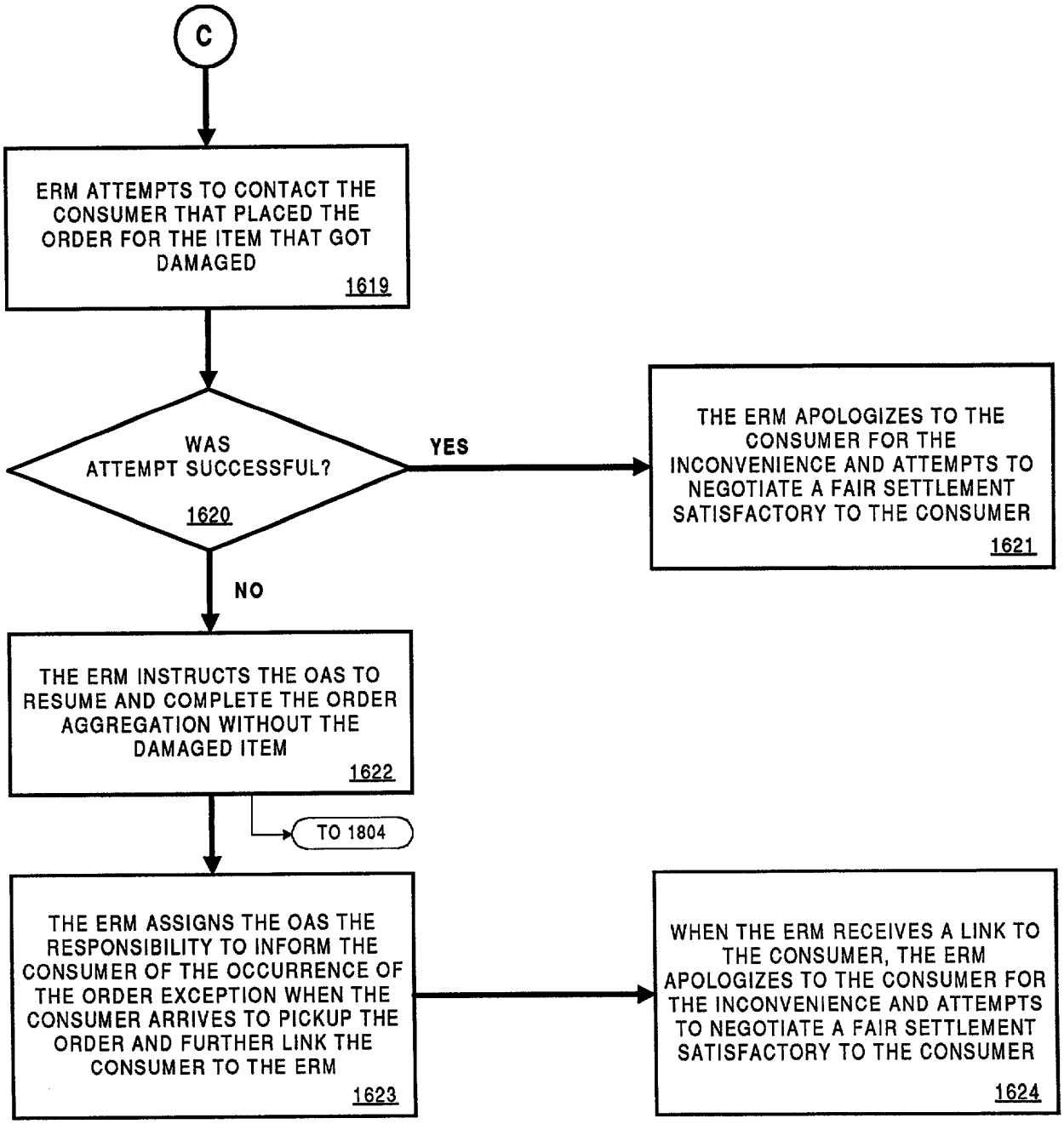

FIG. 16C

PRODUCT TRANSPORT SUPPORT SERVICE (PTSS) FLOW CHART

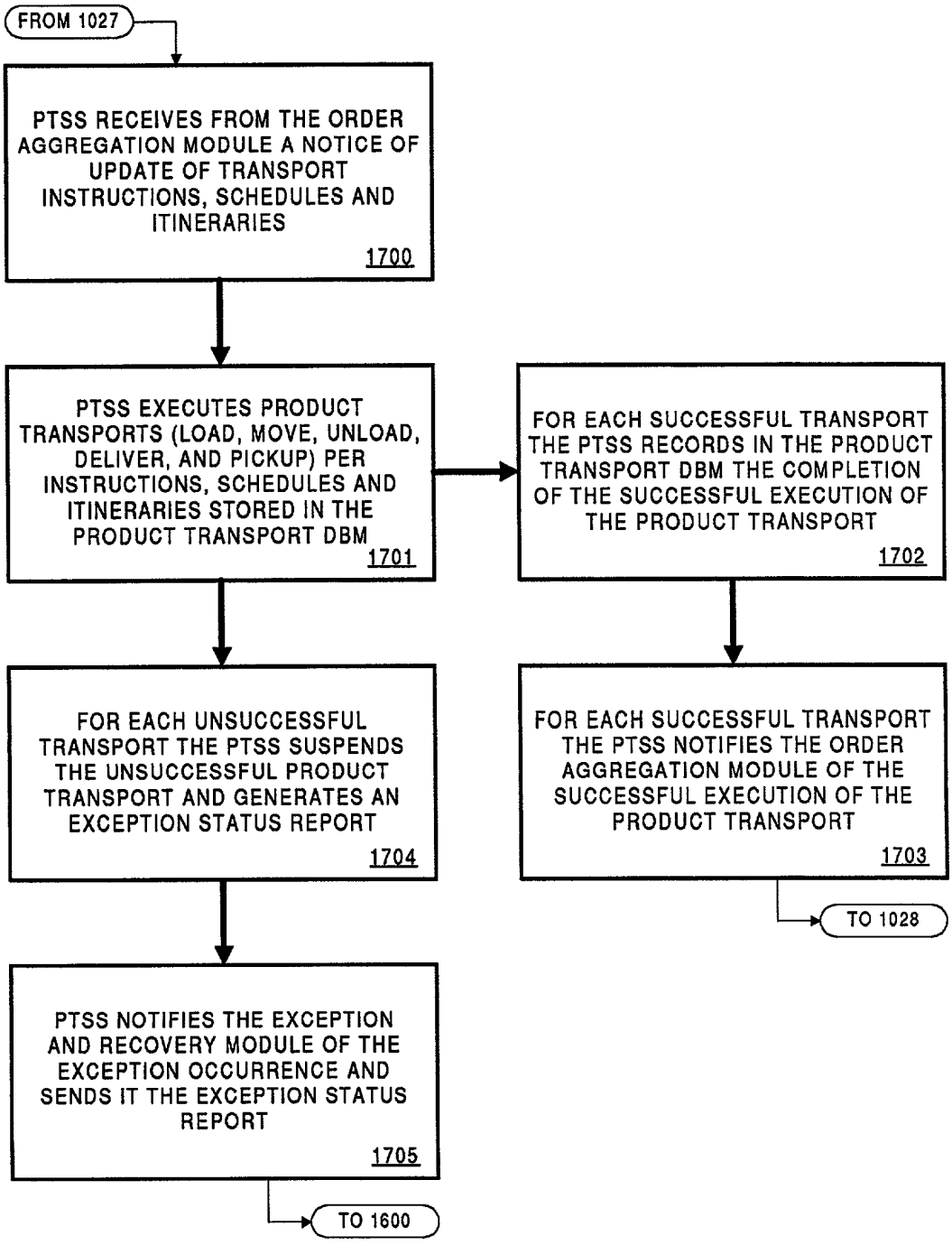

FIG. 17

ORDER AGGREGATION SITE (OAS) FLOW CHARTS

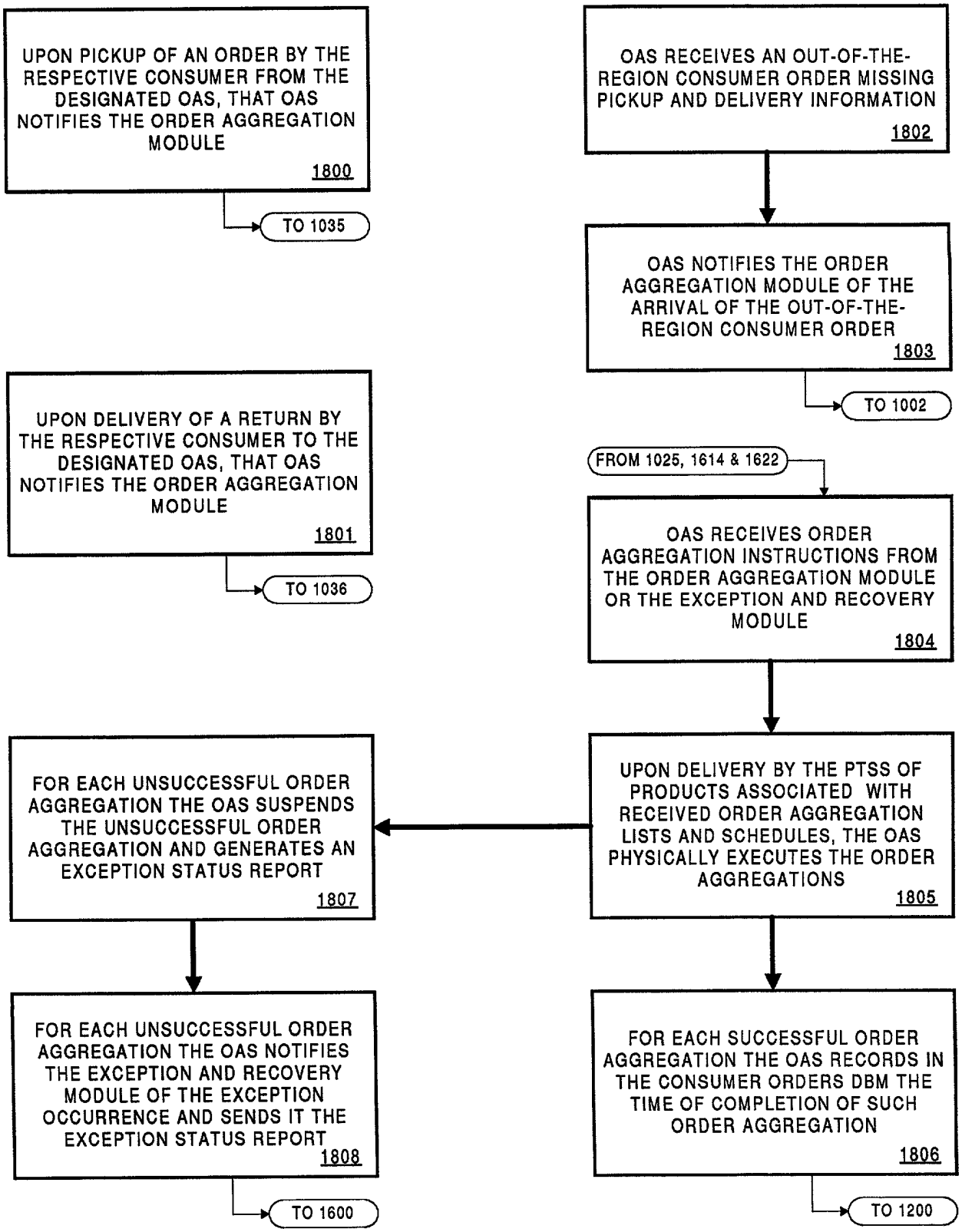

FIG. 18

ORDER AND INVENTORY MANAGEMENT SYSTEM (OIMS) FLOW CHARTS

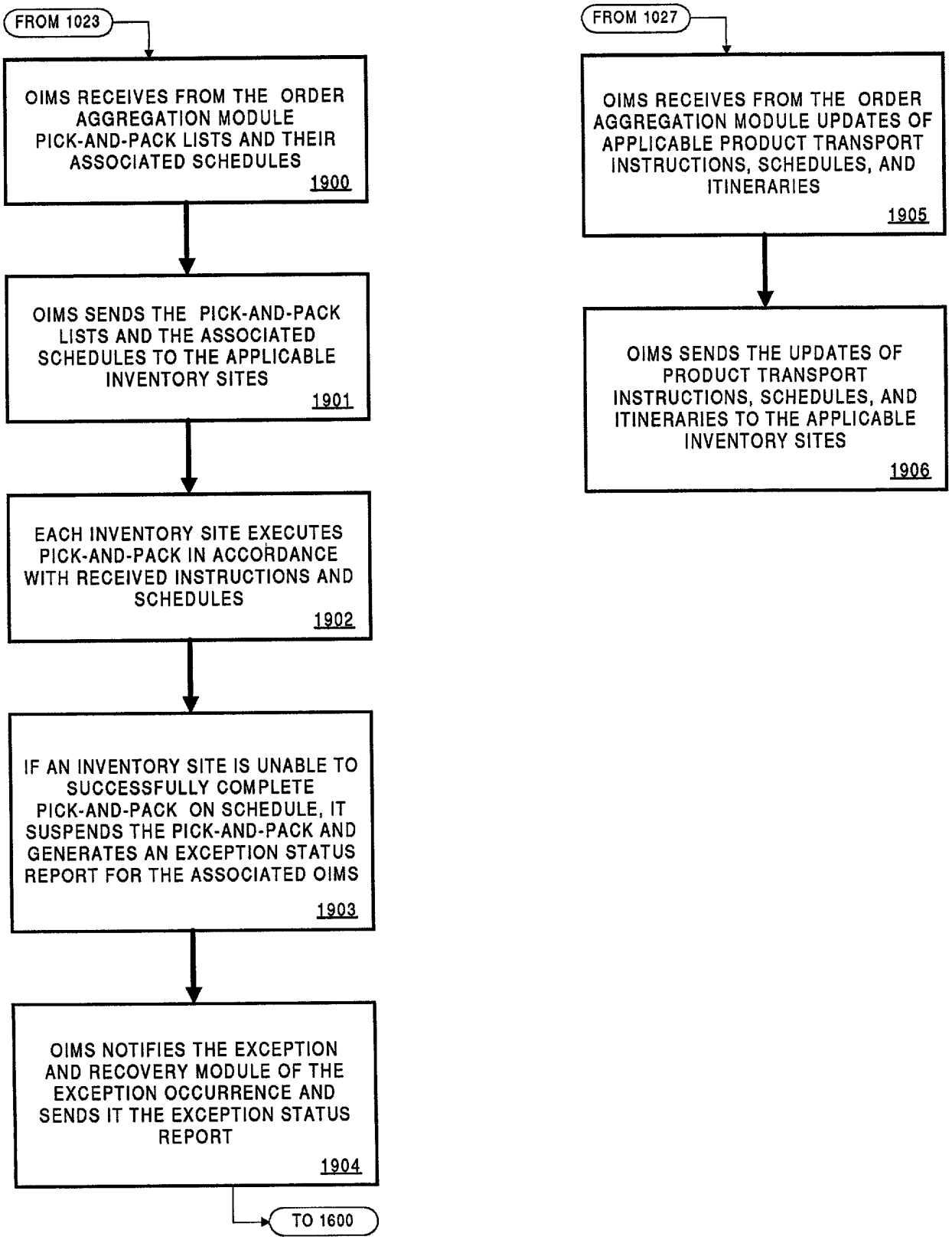

FIG. 19A

ORDER AND INVENTORY MANAGEMENT SYSTEM (OIMS) FLOW CHARTS

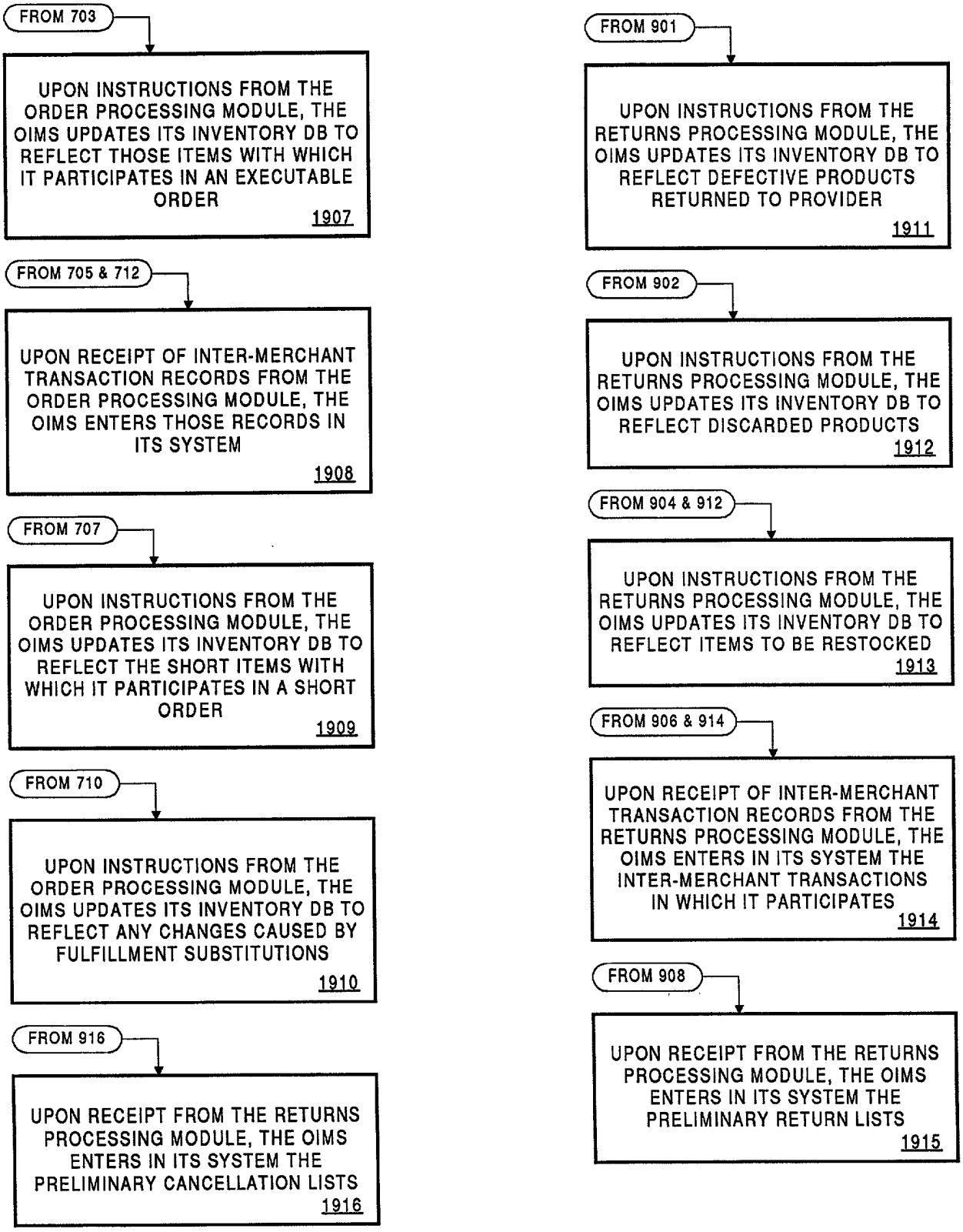

FIG. 19B

DIAGRAM OF EXEMPLARY SYSTEM IMPLEMENTATION

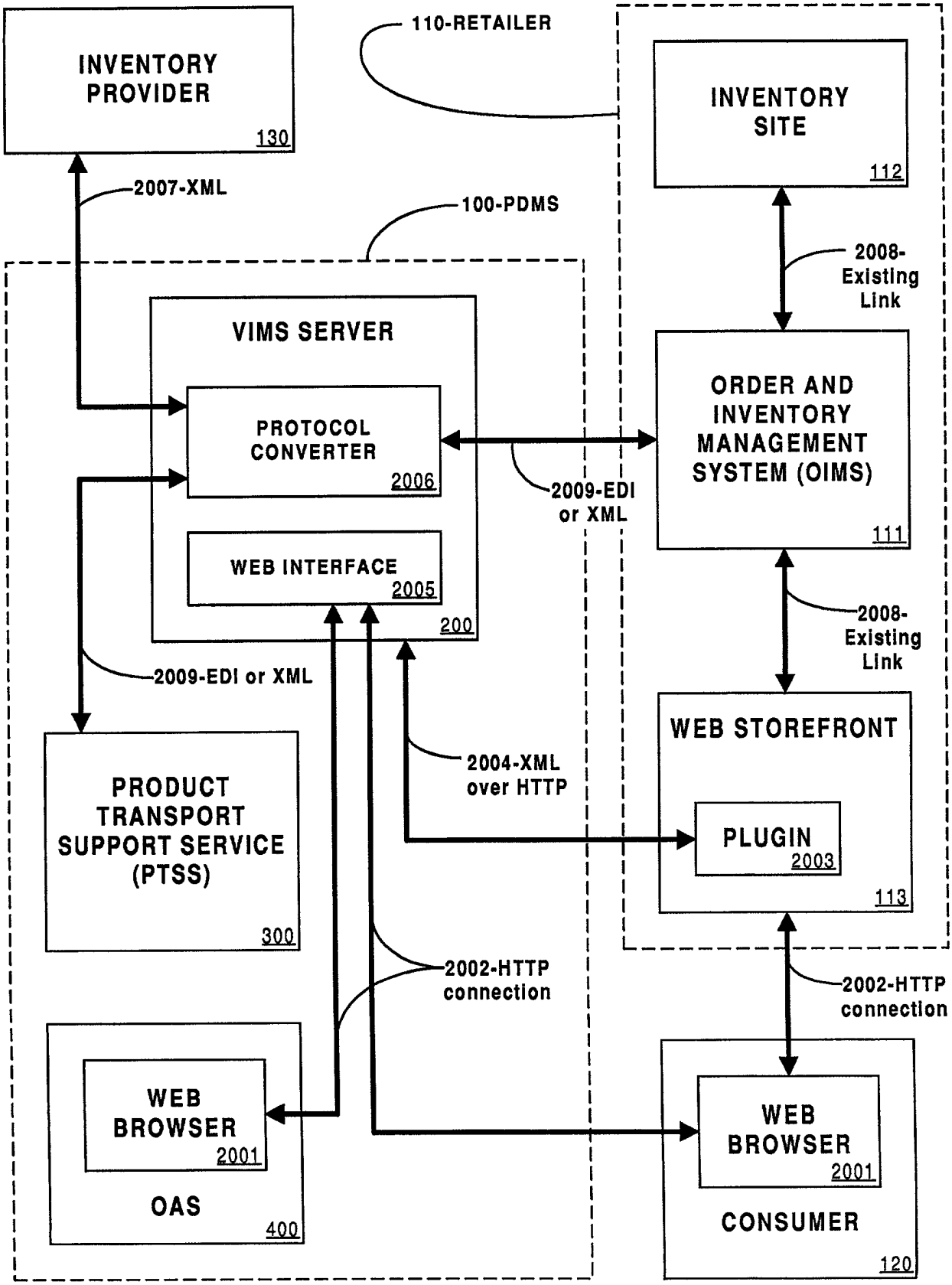

FIG. 20

COLLABORATIVE INVENTORY SHARING METHOD

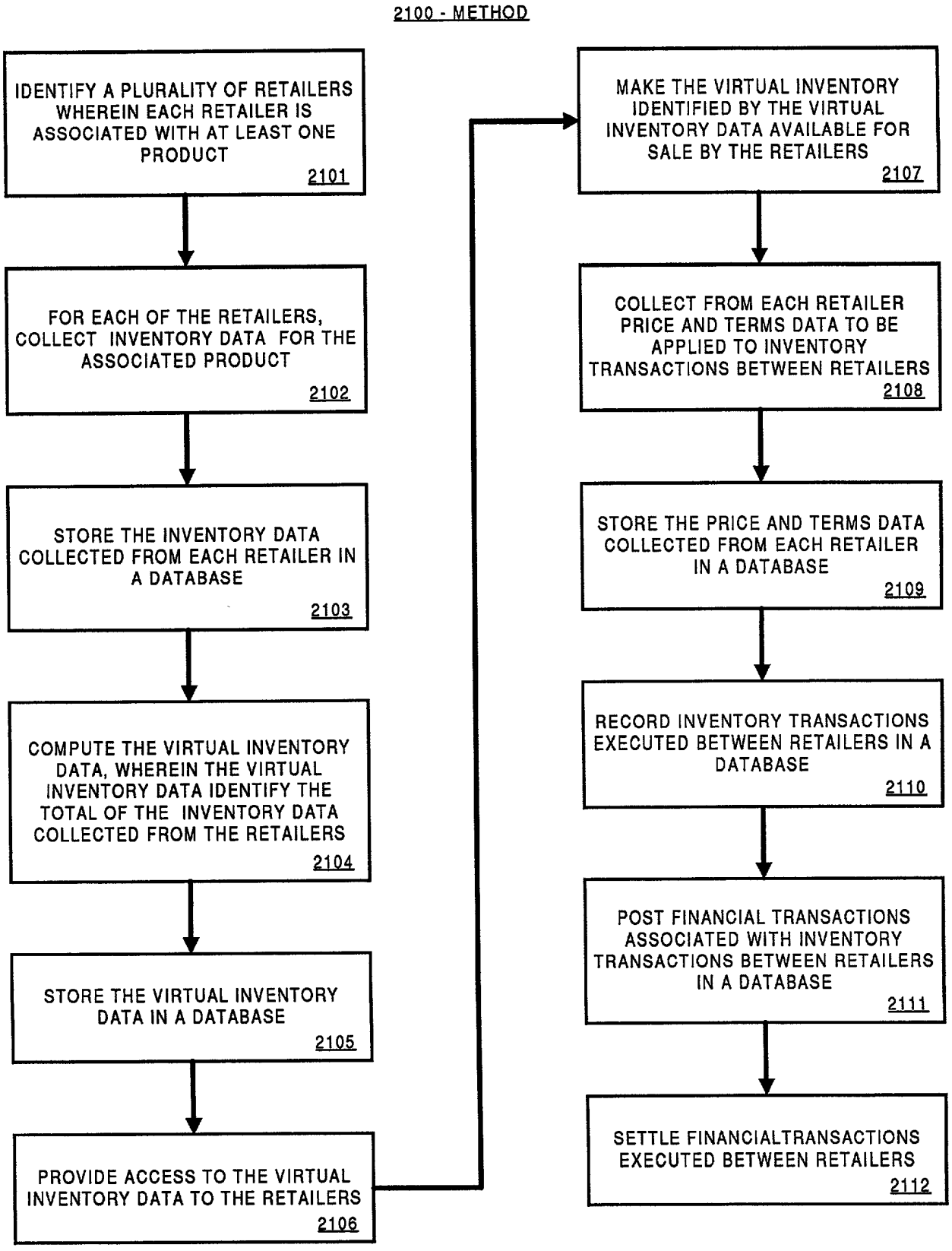

FIG. 21